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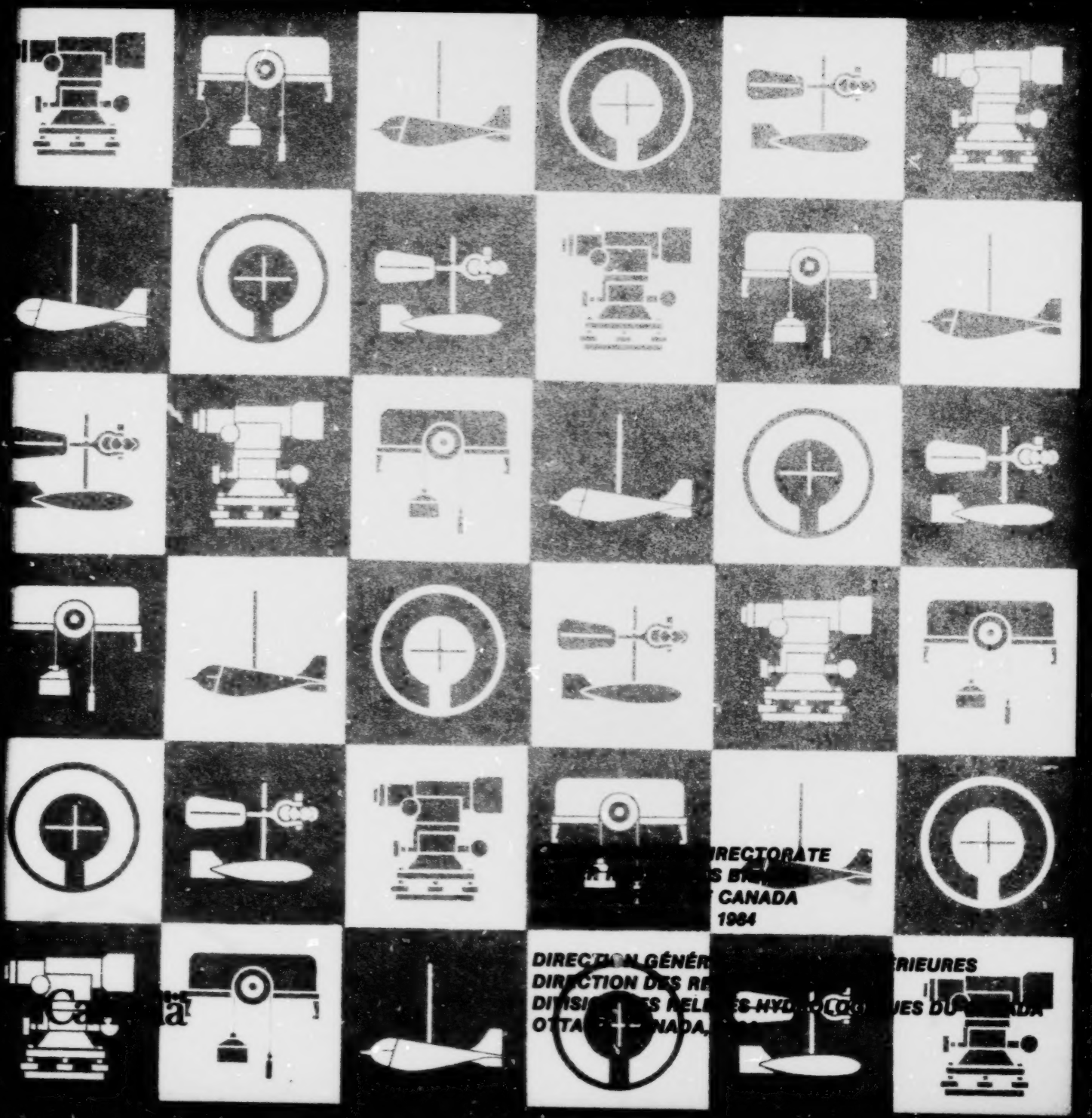
Surface Water Data

Yukon and Northwest Territories

Donnees sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1983



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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada | Environnement Canada

Surface Water Data

Yukon and Northwest Territories

Données sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1983

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1984

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1984

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1983 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1983, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Yukon et dans les Territoires du Nord-Ouest.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2

Chef régional
Direction des ressources en eau
Ministère de l'environnement
502 – 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1983, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation, as early as 1934 but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1983, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris sont programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal — Northern Canada Power Commission;
Ministry of Transport;
United States Geological Survey.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral — Commission d'énergie du Nord canadien,
Ministère des transports,
United States Geological Survey.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). The 1983 edition will be the last hard copy edition; subsequent editions will be published every two years on microfiche only. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). L'édition de 1983 sera la dernière édition imprimé sur papier; les éditions suivantes seront disponibles tous les deux ans sur microfiche seulement. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). Future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

YUKON TERRITORY

AISHIHIK LAKE NEAR WHITEHORSE - STATION NO 09AA005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.246	2.191	2.166	2.136	2.126	2.376	2.708	2.880A	3.075	3.209	3.178	3.170	1
2	2.243	2.190	2.164	2.132	2.126	2.381	2.716	2.899	3.086	3.215	3.178	3.174	2
3	2.243	2.192	2.162	2.132	2.151	2.386	2.725A	2.911	3.088	3.240	3.188	3.179	3
4	2.247	2.191	2.162	2.128	2.183	2.405	2.730E	2.900	3.118	3.237	3.181	3.177	4
5	2.245	2.189	2.160	2.118	2.188	2.399	2.720E	2.894	3.133	3.224	3.184	3.175	5
6	2.244	2.176	2.158	2.119	2.178	2.415	2.731E	2.900	3.144	3.223	3.185	3.175	6
7	2.241	2.174	2.156	2.128	2.187	2.443	2.740E	2.893	3.139	3.240	3.181	3.172	7
8	2.242	2.179	2.156	2.125	2.194	2.454	2.743E	2.892	3.140	3.229	3.184	3.170	8
9	2.240	2.178	2.158	2.124	2.202	2.483	2.753E	2.893	3.147	3.209	3.177	3.165	9
10	2.238	2.178	2.154	2.121	2.211	2.507	2.760E	2.921	3.153	3.198	3.178	3.158	10
11	2.241	2.178	2.153	2.121	2.220	2.523	2.761E	2.942	3.157	3.189	3.179	3.161	11
12	2.238	2.174	2.155	2.122	2.229	2.540	2.768E	2.948	3.160	3.209	3.182	3.167	12
13	2.233	2.171	2.156	2.115	2.240	2.556	2.774E	2.958	3.167	3.215	3.183	3.160	13
14	2.234	2.170	2.156	2.106	2.248	2.569	2.785E	2.957	3.154	3.215	3.182	3.163	14
15	2.234	2.170	2.154	2.105	2.258	2.575	2.793E	2.972	3.171	3.211	3.178	3.166	15
16	2.224	2.168	2.153	2.107	2.268	2.584	2.810E	2.989	3.182	3.208	3.178	3.164	16
17	2.228	2.166	2.152	2.108	2.278	2.581	2.820E	3.006	3.183	3.207	3.176	3.158	17
18	2.224	2.165	2.148	2.108	2.285	2.592	2.827E	3.020	3.178	3.206	3.177	3.152	18
19	2.221	2.167	2.150	2.110	2.291	2.603	2.835E	3.020	3.173	3.208	3.176	3.150	19
20	2.221	2.163	2.149	2.110	2.297	2.604	2.836E	3.009	3.162	3.201	3.176	3.149	20
21	2.218	2.164	2.148	2.107	2.299	2.614	2.840E	3.012	3.167	3.195	3.170	3.144	21
22	2.214	2.159	2.148	2.105	2.308	2.615	2.841E	3.020	3.180	3.184	3.168	3.142	22
23	2.213	2.156	2.147	2.104	2.311	2.636	2.848E	3.026	3.185	3.189	3.174	3.137	23
24	2.207	2.155	2.143	2.103	2.319	2.648	2.851E	3.026	3.215	3.201	3.178	3.132	24
25	2.205	2.155	2.141	2.103	2.328	2.659	2.860E	3.032	3.221	3.200	3.179	3.131	25
26	2.204	2.158	2.138	2.107	2.337	2.664	2.862E	3.039	3.211	3.192	3.178	3.128	26
27	2.206	2.156	2.139	2.111	2.346	2.665	2.865E	3.059	3.195	3.183	3.174	3.125	27
28	2.202	2.158	2.138	2.116	2.345	2.675	2.870E	3.071	3.198	3.189	3.173	3.121	28
29	2.201		2.138	2.121	2.357	2.694	2.879E	3.070	3.196	3.183	3.173	3.113	29
30	2.197		2.135	2.122	2.356	2.702	2.882E	3.063	3.192	3.181	3.170	3.108	30
31	2.194		2.130		2.370		2.881E	3.079		3.183		3.113A	31
MEAN	2.225	2.173	2.151	2.115	2.258	2.552	2.800	2.977	3.183	3.204	3.178	3.152	MEAN
MAX	2.247	2.192	2.166	2.132	2.370	2.702	2.882	3.079	3.221	3.240	3.188	3.179	MAX
MIN	2.194	2.163	2.130	2.103	2.128	2.378	2.708	2.880	3.075	3.189	3.168	3.108	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.685
MAXIMUM DAILY, 3.240 ON OCT 3
MINIMUM DAILY, 2.103 ON APR 24
MAXIMUM INSTANTANEOUS,
3.270 AT 00:15 YST ON OCT 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 53 N
LONG 135 59 53 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1974

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 09AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.098	3.338	3.338	3.358	1.858	3.39	3.95	3.32	4.57	3.38	2.958	4.698	1
2	4.878	3.338	3.338	3.348	2.038	3.71	3.58	3.37	4.55	4.47	2.958	4.698	2
3	4.678	3.338	3.338	3.348	2.008	4.47	3.97	3.37	4.58	4.48	2.948	4.688	3
4	4.678	3.338	3.338	3.348	2.188	5.40	3.99	3.35	4.88	4.43	2.938	4.698	4
5	4.678	3.338	3.338	3.328	2.358	5.94	4.09	3.30	4.78	5.82	2.938	4.688	5
6	4.678	3.338	3.338	3.338	2.508	5.78	4.09	3.30	4.78	7.57	2.948	4.688	6
7	4.878	3.338	3.338	3.338	2.858	5.38	4.18	3.27	4.80	7.52	2.958	4.688	7
8	4.678	3.338	3.338	3.338	3.208	5.03	4.19	3.23	4.83	7.48	2.938	4.688	8
9	4.678	3.338	3.338	3.338	4.42	4.81	4.17	3.47	4.82	7.47	2.918	4.688	9
10	4.678	3.338	3.338	3.338	4.47	4.15	4.18	4.06	4.88	7.52	2.908	4.688	10
11	4.678	3.338	3.338	3.338	4.48	3.73	4.20	4.18	4.85	7.38	2.908	4.688	11
12	4.678	3.338	3.338	3.338	4.51	3.46	4.14	4.16	4.82	7.38	2.898	4.688	12
13	4.678	3.338	3.338	3.338	4.48	3.23	4.18	4.36	4.78	7.47	4.728	5.008	13
14	4.878	3.338	3.318	3.338	4.38	3.08	4.19	4.53	4.77	7.52	4.728	5.218	14
15	4.878	3.338	3.318	3.338	4.25	2.88	4.31	4.54	4.78	7.50	4.728	5.218	15
16	4.678	3.338	3.318	3.328	4.11	2.82	4.35	4.53	4.71	7.53	4.728	5.218	16
17	4.678	3.338	3.318	3.328	3.91	2.61	4.29	4.60	4.72	7.52	4.718	5.218	17
18	4.678	3.338	3.318	3.328	4.02	2.58	4.28	4.68	4.38	7.50	4.718	5.218	18
19	4.678	3.338	3.318	3.338	3.68	3.08	4.20	4.65	3.17	7.43	4.718	5.218	19
20	4.678	3.338	3.318	3.338	3.88	3.11	4.13	4.65	3.16	7.42	4.718	5.218	20
21	4.678	3.338	3.318	3.338	3.88	3.11	4.10	4.63	3.14	7.45	4.718	7.508	21
22	4.678	3.338	3.318	3.338	3.80	3.11	4.13	4.62	3.02	6.47	4.708	7.508	22
23	4.678	3.338	3.338	3.338	3.80	3.48	4.15	4.59	2.77	4.87	4.708	7.508	23
24	4.678	3.338	3.338	3.338	3.88	3.88	4.13	4.57	2.76	4.55	4.708	7.508	24
25	4.678	3.338	3.338	3.338	3.84	3.88	4.16	4.52	2.72	4.54	4.708	7.508	25
26	4.678	3.338	3.338	3.338	3.41	3.80	4.27	4.51	2.73	4.528	4.708	7.508	26
27	4.258	3.338	3.338	3.348	3.29	3.78	4.31	4.52	2.88	4.538	4.698	7.508	27
28	3.338	3.338	3.338	3.358	3.19	3.84	4.23	4.57	2.86	4.508	4.698	7.508	28
29	3.338		3.348	3.358	3.13	3.85	4.18	4.56	2.85	4.498	4.698	7.508	29
30	3.338		3.348	2.408	3.21	3.88	3.80	4.58	2.85	4.488	4.698	7.508	30
31	3.338		3.358		3.35		3.34	4.67		3.918		7.508	31
TOTAL	146.41	93.24	103.06	98.07	107.67	114.82	127.84	129.14	118.18	188.88	119.81	187.16	TOTAL
MEAN	4.66	3.32	3.32	3.30	3.48	3.83	4.12	4.17	3.87	6.08	3.99	6.04	MEAN
MAX	5.09	3.33	3.36	3.36	4.51	5.94	4.35	4.88	4.86	7.57	4.72	7.50	MAX
MIN	3.33	3.33	3.31	2.40	1.85	2.61	3.34	3.23	2.85	3.38	2.89	4.68	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.20
MAXIMUM DAILY, 7.57 ON OCT 6
MINIMUM DAILY, 1.858 ON MAY 1
MAXIMUM INSTANTANEOUS,
7.65 AT 23:54 YST ON OCT 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 04 N
LONG 136 59 24 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	11 000
FEB	8 080	AUG	11 200
MAR	8 900	SEP	10 300
APR	8 580	OCT	16 300
MAY	9 320	NOV	10 400
JUN	9 920	DEC	16 200

TOTAL DISCHARGE, 133 000 dam³

YUKON TERRITORY

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO 09AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 510	4 020	3 780	3 380	4 250	58 5	14 5	11 7	9 07	14 0 E	7 400	8 700	1
2	3 310	4 020	3 510	3 100	4 500	37 3	17 4	11 6	10 5	12 4 E	7 500	8 600	2
3	4 020	4 200	3 540	2 610	5 000	63 3	16 1	11 4	9 94	10 6 E	7 400	8 100	3
4	4 760	4 590	4 190	2 350	5 400	51 6	15 2	12 2	10 3	9 80E	7 400	7 800	4
5	4 870	3 780	4 020	3 170	5 000	19 9	14 7	11 6	10 5 E	10 5 E	7 300	8 000	5
6	5 380	3 200	3 010	3 850	5 50E	18 9	20 5	11 1	12 6	9 25E	8 400	8 300	6
7	6 060	3 740	4 730	3 200	7 10E	18 6	21 6	10 6	11 6	7 30A	7 000	8 600	7
8	5 200	4 110	4 420	2 780	7 80E	18 0	18 6	10 6	10 6	7 50E	7 600	9 000	8
9	5 770	4 320	4 300	3 430	8 20E	16 2	16 5	10 4	9 12	7 80E	8 500	9 900	9
10	6 690	4 760	3 850	3 000	10 1 E	15 9	15 0	10 7	8 82	7 80E	9 000	10 0 0	10
11	9 230	4 640	4 050	3 880	12 0 E	14 4	14 1	11 9	8 31	7 80E	9 400	8 400	11
12	8 050	3 940	3 370	4 050	12 7 A	13 0	13 7	14 2	8 86	8 20E	8 000	9 800	12
13	8 720	4 020	3 220	3 940	10 6	11 9	14 3	18 3	9 28	8 50E	8 600	9 800	13
14	8 380	5 130	3 080	3 480	9 86	11 2	14 8	17 7	9 25	7 50E	8 500	9 900	14
15	8 120	5 880	3 040	3 760	10 0	11 6	15 5	16 8	9 13	7 80E	8 400	12 0 0	15
16	6 250	7 030	3 000	3 200	12 6	12 6	15 3	15 7	9 04	7 80E	7 200	9 200	16
17	3 030	7 310	2 880	2 240	11 9	13 2	14 7	15 1	8 87	8 60A	7 250	9 500	17
18	4 200	6 850	2 870	3 370	9 73	13 5	13 6	14 5	8 76	9 30E	7 300	9 300	18
19	4 500	6 110	2 640	3 510	9 02	13 9	13 3	15 2	8 83	8 40E	7 000	9 000	19
20	4 640	5 000	2 480	3 620	10 0	16 5	12 6	15 2	13 5	7 00E	6 900	9 000	20
21	5 070	3 600	3 310	3 310	10 6	17 5	12 3	14 0	15 1	6 200	7 200	9 000	21
22	5 380	3 650	3 660	3 400	13 6	15 4	12 7	13 2	15 7	6 200	8 00E	10 1 8	22
23	7 080	3 740	4 190	3 180	11 1	14 1	14 7	12 6	15 3	5 600	8 50E	10 4 8	23
24	6 850	3 680	4 130	2 780	12 4	14 2	14 2	12 1	14 8	7 200	8 800	11 2 8	24
25	6 760	3 000	4 060	3 110	10 3	13 3	13 2	11 6	17 0	7 600	7 600	9 600	25
26	6 740	3 720	3 310	2 700	9 58	13 8	12 9	11 5	18 5	6 000	7 600	8 600	26
27	5 380	3 690	3 780	3 000	9 20	15 2	12 6	11 5	16 4 E	5 000	7 000	8 400	27
28	5 750	3 780	3 610	3 300	8 48	13 1	12 5	10 9	17 2 E	5 000	7 200	9 000	28
29	4 700		3 880	3 350	15 8	11 7A	12 5	11 1	16 8 E	7 200	7 800	10 5 8	29
30	4 160		3 000	3 600	43 6	11 8	12 2	10 7	16 0 E	7 100	8 600	11 0 8	30
31	4 220		3 110		69 8		11 7	10 1		7 300		8 800	31
TOTAL	181.20	118 33	108 03	98 15	390 33	577 4	482 4	396 6	385 80	250 08	227 55	281 80	TOTAL
MEAN	5 85	4 23	3 48	3 21	12 6	19 2	14 9	12 8	12 2	8 07	7 59	9 41	MEAN
MAX	9 23	7 31	4 73	4 05	69 8	63 3	28 5	18 3	18 5	14 0	9 60	12 8	MAX
MIN	3 03	3 69	3 32	2 01	4 25	11 2	11 7	10 1	8 31	5 80	6 40	7 80	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 48
MAXIMUM DAILY, 69 8 ON MAY 31
MINIMUM DAILY, 2 010 ON APR 3
MAXIMUM INSTANTANEOUS,
74 5 AT 22:13 YST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 40 N
LONG 137 03 40 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 700	JUL	40 000
FEB	10 200	AUG	34 200
MAR	9 330	SEP	31 600
APR	8 310	OCT	21 600
MAY	33 700	NOV	19 700
JUN	49 900	DEC	25 200

TOTAL DISCHARGE, 300 000 dam³

ALSEK RIVER ABOVE DATES RIVER - STATION NO 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40 58	34 58	33 08	32 58	48 08	418	673	---	462	221	96 08	58 78	1
2	40 18	34 38	32 88	33 78	49 08	433	713	---	463	230	95 08	58 08	2
3	39 88	34 48	32 08	33 68	50 38	387	718	---	450	221	94 58	57 08	3
4	39 08	35 08	31 88	33 08	52 08	377	736	---	435	203	93 08	56 08	4
5	36 88	35 38	31 68	32 08	54 08	346	707	---	376	185	91 08	55 08	5
6	36 18	35 28	31 58	32 08	56 0E	330	685	---	324	172	88 08	54 08	6
7	36 08	35 08	31 48	32 08	58 0E	326	688	---	280	168	86 08	53 08	7
8	37 08	34 88	31 08	31 98	62 PE	325	691	---	280	164	83 08	51 08	8
9	36 38	34 08	31 38	33 08	66 0E	332	---	---	249	142	77 08	48 08	9
10	35 88	33 08	31 08	33 48	67 0E	335	---	800A	236	135	76 08	46 08	10
11	35 48	32 68	32 38	33 08	69 5E	333	---	782	226	151	75 08	47 08	11
12	35 68	32 08	33 08	33 38	73 0E	341	---	705	225	164	74 58	46 58	12
13	35 18	32 28	33 18	34 08	78 0E	332	---	659	220	163	73 08	46 38	13
14	36 28	32 58	32 88	34 78	84 0E	318	---	640	221	161	72 58	46 08	14
15	36 08	33 08	32 08	35 58	90 0E	337	---	619	223	145	72 08	46 08	15
16	36 18	33 48	33 08	36 18	95 0E	359	---	598	208	140	72 58	45 48	16
17	36 08	34 18	33 08	37 08	104 E	370	---	520	195	133	72 58	46 08	17
18	35 08	34 58	33 18	38 08	111 E	406	---	481	188	132	70 58	44 58	18
19	34 38	34 18	33 08	38 58	121 E	472	---	457	185	133	69 08	44 18	19
20	33 58	34 08	32 68	39 08	130 E	511	---	435	183	129	67 08	43 58	20
21	33 38	34 28	32 08	39 58	141 E	542	---	471	201	127A	66 08	43 78	21
22	33 18	34 48	31 58	40 08	150 E	558	---	492	200	123	63 08	43 18	22
23	33 08	34 78	32 08	40 18	160 E	588	---	480	484	120	63 08	43 08	23
24	33 38	34 88	33 08	41 08	183 A	595	---	485	358	120	61 08	43 08	24
25	33 08	34 38	33 38	41 48	187	625	---	473	306	117	60 58	42 88	25
26	33 18	34 08	33 18	42 38	188	734	---	454	263	114	60 58	41 08	26
27	33 38	33 68	33 08	44 08	187	787	---	427	243	110	61 08	40 08	27
28	33 48	33 48	32 88	45 08	180	758	---	397	231	110	61 08	38 08	28
29	34 08		32 78	46 08	166	718	---	393	217	110	60 58	37 28	29
30	34 48		32 68	46 88	204	664	---	411	207	107	60 18	36 48	30
31	34 68		32 38		313		---	458		1018		36 68	31
TOTAL	1 106.2	851.0	1 006.1	1 108.3	3 448.7	13 861	---	---	8 862	4 530	2 212.8	1 439.8	TOTAL
MEAN	35.7	34.0	32.4	36.8	111	466	---	---	288	146	73.8	46.4	MEAN
MAX	40.6	35.3	33.3	46.8	313	787	---	---	600	230	96.0	58.7	MAX
MIN	33.0	32.0	31.0	31.0	48.0	318	---	---	183	101	60.1	36.8	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 31.08 ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 00 N
LONG 137 58 37 W
DRAINAGE AREA, 10 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	95 500	JUL	---
FEB	82 200	AUG	---
MAR	88 600	SEP	748 000
APR	95 800	OCT	391 000
MAY	298 000	NOV	191 000
JUN	1 210 000	DEC	134 000

DASDASE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	00	00	0 B	125 B	31 6	16 2E	81 4	9 900	1.97 B	00	1
2	00	00	00	00	0 B	126 B	31 6	16 6E	90 5	9.200	1 80 B	00	2
3	00	00	00	00	0 B	130 B	32 1	19 1E	81 0	8 650	1.85 B	00	3
4	00	00	00	00	0 B	131 B	31 3	19 5E	46 1	8 100	1 61 B	00	4
5	00	00	00	00	0 B	130 B	29 1	19 9E	38 3	7.650	1.40 B	00	5
6	00	00	00	00	0 B	129 B	27 7	20 4E	27 9	7.200	1.30 B	00	6
7	00	00	00	00	0 B	127	26 3	20 8E	25 8	6.820	1.17 B	00	7
8	00	00	00	00	0 B	108	26 1	21 3A	25 8	6.400	1.07 B	00	8
9	00	00	00	00	0 B	97 5	24 9	20 5	27 3	6.050	0 9808	00	9
10	00	00	00	00	0 B	88 3	23 6	19 0	41 1	5.750	0.8808	00	10
11	00	00	00	00	0 B	104	22 7	19 7	45 3	5 400	0.8008	00	11
12	00	00	00	00	0 B	108	22 7	14 5	78 6	5 100	0.7108	00	12
13	00	00	00	00	0 B	110	17 4	13 6	63 0	4.850	0.6408	00	13
14	00	00	00	00	0 B	140	15 8	13 5	45 1	4.600	0.5808	00	14
15	00	00	00	00	0 B	132	19 3	12 5	34.9A	4.370	0.4808	00	15
16	00	00	00	00	0 B	88 7	18 9	13 5	33 2E	4.120	0.4308	00	16
17	00	00	00	00	0 B	107	18 6	12 3	28 4E	3 900	0.3808	00	17
18	00	00	00	00	0 B	107	16 5	12 2	26.7E	3.720	0.3008	00	18
19	00	00	00	00	0 B	95 7	16 0	12 3	23.9E	3.520	0.2408	00	19
20	00	00	00	00	0 0705	62 8	15 6	12 5	21 2A	3.380	0.1808	00	20
21	00	00	00	00	0 1405	61 6	16 6	13 1	21 2	3 208	0.1408	00	21
22	00	00	00	00	0 2505	69 8	16 1	12 6	18 5	3.058	0.0808	00	22
23	00	00	00	00	0 3605	71 5	16 0	12 7	16 9B	2.928	0.0408	00	23
24	00	00	00	00	0 5205	86 9	17 2	16 7	15 6B	2.788	0 B	00	24
25	00	00	00	00	0 7305	82 2	16 1	24 9	14 7B	2 652	0 B	00	25
26	00	00	00	00	1 80 B	87 0	16 1	20 6	13 7B	2.528	0 B	00	26
27	00	00	00	00	4 80 B	67 5	16 0A	17 6	12 6B	2.428	0 B	00	27
28	00	00	00	00	17 0 B	37 9	16 4E	17 7	11 9B	2.348	0 B	00	28
29	00		00	00	63 0 B	37 3	16 8E	22 6	11 3B	2.248	0 B	00	29
30	00		00	00	112 B	37.3	17.3E	30 6	10.6B	2.178	0 B	00	30
31	00		00		122 B		17.7E	47 6		2.048		00	31
TOTAL	0	0	0	0	312 300	2 836.1	648.8	585.2	892.8	146.98	18.890	0	TOTAL
MEAN	0	0	0	0	10.1	94.5	20.9	18 2	33 1	4.74	0.623	0	MEAN
MAX	0	0	0	0	122	140	32 1	47.6	90.5	9.90	1.97	0	MAX
MIN	0	0	0	0	0	37.2	15.8	12 2	10.6	2.04	0	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 140 ON JUN 14
MINIMUM DAILY, 00 ON JAN 1
MAXIMUM INSTANTANEOUS,
185 AT 22:02 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 50 22 N
LONG 136 40 05 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	58 100
FEB	0	AUG	48 800
MAR	0	SEP	85 600
APR	0	OCT	12 700
MAY	27 000	NOV	1 610
JUN	245 000	DEC	0

TOTAL DISCHARGE, 477 000 dam³

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.7B	13.4B	15.2B	14.3B	126	228 E	46.2	148	31.5	29 2B	24.4B	15.3B	1
2	17.2B	13.7B	15.2B	14.0B	98.2	166 E	44.2	188	30.9	31.2	24.1B	15.3B	2
3	16.8B	13.8B	15.6B	14.3B	85.6	132 E	43.3	132	30.5	31.5	23.4B	15.2B	3
4	16.6B	13.4B	15.6B	14.4B	83.6	140 E	77.8	120	31.1	34.7	22.8B	15.1B	4
5	16.3B	13.3B	15.4B	15.0B	75.1	148 E	78.4	118	32.4	37.1	22.8B	15.0B	5
6	16.2B	13.5B	15.2B	14.4B	88.4	126 E	73.8	96.7	35.1	35.7	22.4B	15.3B	6
7	16.1B	13.4B	15.1B	14.2B	84.4	126 A	67.9	84.1	38.4	34.1	22.3B	14.9B	7
8	15.8B	13.7B	15.4B	14.1B	84.4	135	60.2	74.1	34.4	33.7	22.1B	14.7B	8
9	15.6B	13.8B	15.4B	14.0B	73.4	133	53.4	86.6	32.7	31.8	21.8B	14.5B	9
10	15.3B	14.1B	15.0B	14.3B	81.0	117	48.1	81.2	31.8	27.4	21.5B	14.4B	10
11	15.1B	13.9B	15.1B	14.4B	114 A	105	44.0	66.0	30.5	27.5	21.9B	14.5B	11
12	15.2B	13.7B	15.6B	14.5B	126 E	95.2	30.9	62.2	30.1	31.7	21.2B	14.6B	12
13	15.3B	13.6B	14.9B	14.9B	134 E	85.6	38.4	48.6	29.7	30.7	20.9B	14.6B	13
14	15.4B	13.8B	15.0B	15.3B	110 E	82.2	38.0	46.7	29.1	29.8	20.6B	14.3B	14
15	15.4B	13.9B	15.1B	16.0B	98.6E	81.2	34.5	48.4	28.7	29.3	20.4B	14.0B	15
16	15.6B	13.2B	15.3B	16.3B	140 E	76.6	34.6	46.4	28.6	27.5	20.6B	13.9B	16
17	15.6B	13.3B	15.6B	16.2B	183 E	72.1	34.4	46.1	28.6	27.0B	20.6B	13.8B	17
18	15.4B	13.7B	15.0B	16.0B	201 E	66.6	33.3	45.4	29.6	27.5B	20.4B	14.0B	18
19	15.5B	14.0B	14.9B	16.3B	184 E	68.2	36.6	44.0	29.6	27.4B	20.1B	14.3B	19
20	15.5B	14.6B	14.6B	17.6B	171 E	65.3	53.6	43.5	29.1	27.1B	19.9B	14.2B	20
21	15.3B	14.4B	14.7B	19.4B	220 E	61.6	61.9	43.6	29.6	26.9B	19.3B	13.9B	21
22	15.0B	14.4B	14.6B	22.5B	272 E	57.4	78.3	43.0	30.1	27.0B	18.7B	14.0B	22
23	14.7B	14.6B	14.6B	26.6B	190 E	55.5	68.6	41.6	29.6	27.0B	18.3B	13.8B	23
24	14.3B	15.3B	14.7B	32.0B	141 E	75.3	78.6	39.9	28.7	28.5B	18.0B	13.7B	24
25	13.8B	15.6B	14.8B	37.0E	188 E	89.6	88.3	38.1	28.4	29.2B	17.9B	14.0B	25
26	13.7B	14.7B	14.4B	46.0B	203 E	80.4	88.7	36.9	28.9	28.3B	17.9B	13.9B	26
27	13.7B	15.0B	14.1B	56.0B	261 E	84.2	70.8	35.8	28.7	28.9B	17.6B	13.8B	27
28	13.9B	15.3B	13.6B	70.0B	180 E	86.3	69.8	34.6	28.5	28.2B	17.5B	13.3B	28
29	14.1B		13.6B	86.0B	151 E	82.3	73.6	34.5	27.8B	28.0B	16.9B	13.3B	29
30	14.0B		13.6B	131 B	200 E	48.1	80.0	34.0	23.5B	24.7B	16.4B	13.3B	30
31	13.7B		14.2B		282 E		74.3	33.6		24.5B		13.5B	31
TOTAL	473.7	383.3	463.0	627.8	4 529.5	2 831.5	1 782.4	1 867.8	898.1	887.2	612.3	447.0	TOTAL
MEAN	15.3	14.0	14.9	27.8	146	94.4	57.6	83.1	29.9	28.8	20.4	14.4	MEAN
MAX	17.7	15.6	16.1	131	282	228	88.8	188	36.4	37.1	24.4	16.3	MAX
MIN	13.7	13.2	13.6	14.0	84.4	48.1	33.3	32.8	21.8	24.5	16.4	13.3	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.2
MAXIMUM DAILY, 282E ON MAY 31
MINIMUM DAILY, 13.2B ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 07 52 N
LONG 134 53 21 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 900	JUL	155 000
FEB	34 000	AUG	159 000
MAR	40 000	SEP	77 600
APR	71 500	OCT	77 500
MAY	391 000	NOV	52 800
JUN	245 000	DEC	38 600

TOTAL DISCHARGE, 1 390 000 dam³

YUKON TERRITORY

BENNETT LAKE AT CARCROSS - STATION NO 09AB004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 697	....	....	0 419	0 392	0 421	1 758	2 833	2 197	2 079	2 128	....	1
2	1 692	....	....	0 406	0 407	0 451	1 776	2 858	2 281	2 086	2 132	....	2
3	1 689	....	....	0 389	0 413	1 005	1 788	2 858	2 319	2 092	2 137	....	3
4	1 691	....	....	0 380	0 405	1 128	1 819	2 875	2 338	2 095	2 136	....	4
5	1 692A	....	....	0 376	0 393	1 167	1 826	2 895	2 339	2 103	2 135	....	5
6	....	....	....	0 383	0 376	1 162	1 832	2 888	2 305	2 128	2 137	....	6
7	....	....	....	0 387	0 384	1 137	1 858	2 902	2 304	2 123	2 127	....	7
8	....	....	....	0 389	0 358	1 142	1 869	2 911	2 281	2 117	2 126	....	8
9	....	....	....	0 419	0 367	1 142	1 887	2 915	2 305	2 122	2 128	....	9
10	....	....	....	0 417	0 390	1 138	1 890	2 926	2 289	2 101	2 128	....	10
11	....	....	....	0 387	0 385	1 165	1 914	2 932	2 285	2 101	2 132	....	11
12	....	....	....	0 398	0 377	1 184	1 928	2 930	2 266	2 108	2 129	....	12
13	....	....	....	0 404	0 388	1 186	1 930	2 945	2 235	2 156	2 123	....	13
14	....	....	....	0 405	0 410	1 184	1 931	2 950	2 231	2 156	2 127	....	14
15	....	....	....	0 404	0 434	1 189	1 939	2 969	2 095	2 155	2 130	....	15
16	....	....	....	0 405	0 478	1 188	1 937	2 978	2 082	2 158	....	....	16
17	....	....	....	0 441	0 508	1 205	1 941	2 989	2 058	2 162	....	....	17
18	....	....	....	0 436	0 595	1 238	1 947	2 986	2 047	2 168	....	....	18
19	....	....	....	0 435	0 672	1 288	1 957	2 983	2 051	2 154	....	....	19
20	....	....	....	0 426	0 685	1 339	1 953	2 985	2 038	2 155	....	....	20
21	....	....	....	0 422	0 657	1 384	1 951	2 985	2 028	2 158	....	....	21
22	....	....	....	0 409	0 588	1 418	1 956	2 988	2 038	2 159	....	....	22
23	....	....	0 772A	0 395	0 567	1 438	1 957	2 988	2 035	2 158	....	....	23
24	....	....	0 748	0 395	0 561	1 459	1 973	2 219	2 043	2 148	....	....	24
25	....	....	0 726	0 392	0 633	1 518	1 987	2 323	2 033	2 147	....	....	25
26	....	....	0 702	0 389	0 617	1 583	1 995	2 327	2 030	2 148	....	....	26
27	....	....	0 686	0 403	0 597	1 635	1 993	2 329	2 043	2 147	....	....	27
28	....	....	0 673	0 390	0 593	1 672	1 997	2 309	2 065	2 142	....	....	28
29	....		0 659	0 392	0 583	1 697	1 998	2 306	2 083	2 138	....	....	29
30	....		0 654	0 388	0 598	1 727	2 009	2 316	2 080	2 145	....	....	30
31	....		0 633		0 688		2 008	2 306		2 148		1 710A	31
MEAN	....	....	....	0 475	0 510	1 279	1 919	2 186	2 114	2 138	....	....	MEAN
MAX	....	....	....	0 619	0 688	1 727	2 008	2 227	2 324	2 162	....	....	MAX
MIN	....	....	....	0 388	0 380	0 821	1 758	2 023	2 028	2 079	....	....	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MAXIMUM DAILY, 2 227 ON AUG 28
MINIMUM DAILY, 0 350 ON MAY 10
MAXIMUM INSTANTANEOUS
2 239 AT 02 41 YST ON AUG 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 50 N
LONG 134 42 27 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653 703 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ)

BIG CREEK NEAR THE MOUTH - STATION NO 09AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 1948	0 0735	0 0558	0 0508	0 072E	41 6	3 71	10 4	12 2	4 808	1 13 B	0 1008	1
2	0 1858	0 0748	0 0558	0 0488	0 076E	28 4	4 04	11 7	11 8	4 808	1 00 B	0 0988	2
3	0 1828	0 0758	0 0558	0 0488	0 084E	113	5 31	24 8	12 1	4 708	0 8808	0 0828	3
4	0 1838	0 0748	0 0548	0 0508	0 088E	81 3	8 26	27 3	12 7	4 808	0 7808	0 0818	4
5	0 1808	0 0758	0 0538	0 0508	0 098E	38 3	6 03	21 4	12 6	4 508	0 6708	0 0488	5
6	0 1438	0 0768	0 0528	0 0508	0 110E	27 6	9 35	21 3	12 5	4 808	0 6408	0 0408	6
7	0 1368	0 0778	0 0518	0 0518	0 120E	23 3	10 0	28 8	12 0	4 488	0 6308	0 0388	7
8	0 1238	0 0768	0 0518	0 0528	0 130E	17 6	7 64	25 8	11 3	4 408	0 6008	0 0338	8
9	0 1198	0 0778	0 0508	0 0528	0 140E	13 6	6 23	20 6	10 7	4 308	0 5908	0 0288	9
10	0 1178	0 078A	0 0508	0 0528	0 180E	13 8	5 35	18 1	10 2	4 208	0 5708	0 0288	10
11	0 1178	0 0788	0 0488	0 0538	0 170E	37 4	5 05	22 6	9 59	4 108	0 5408	0 0248	11
12	0 1188	0 0798	0 0488	0 0538	0 220E	37 1	8 71	23 3	9 11	3 958	0 5008	0 0228	12
13	0 1198	0 0738	0 0488	0 0538	0 280E	23 6	10 4	25 5	8 80	3 808	0 4808	0 0208	13
14	0 1208	0 0688	0 0488	0 0528	0 380E	15 6	21 9	30 6	8 72	3 718	0 3908	0 0198	14
15	0 1228	0 0678	0 0498	0 0518	0 800E	13 1	28 3	37 7	8 60	3 788	0 3308	0 0178	15
16	0 1248	0 0688	0 0498	0 0528	0 800E	11 5	19 4	45 5	8 48	3 438	0 3008	0 0188	16
17	0 1288	0 0658	0 0508	0 0528	1 20 E	10 5	14 0	56 0	8 39	3 358	0 2808	0 0158	17
18	0 1308	0 0648	0 0508	0 0538	1 60 E	9 45	35 0	71 1	8 46	3 308	0 2808	0 0148	18
19	0 1318	0 0638	0 0518	0 0548	2 30 E	9 04	70 8	48 9	8 08	3 158	0 2708	0 0138	19
20	0 1328	0 0628	0 0508	0 0568	3 20 E	9 40	72 4	38 2	7 89	3 008	0 2608	0 0128	20
21	0 1338	0 0618	0 0498	0 0568	4 40 E	8 70	48 7	28 3	7 74	2 908	0 2508	0 0118	21
22	0 1328	0 0618	0 0498	0 0568	7 80 E	8 67	31 6	25 3	7 50	2 808	0 2308	0 0108	22
23	0 1288	0 0608	0 0488	0 0568	10 0 E	8 31	24 3	22 4	7 28	2 408	0 2008	0 0098	23
24	0 1308	0 0608	0 0488	0 0568	17 0 E	7 40	19 2	20 0	7 18	2 108	0 1708	0 0088	24
25	0 1118	0 0608	0 0488	0 0568	22 0 E	8 31	16 9	18 8	6 95	1 858	0 1558	0 0088	25
26	0 1058	0 0598	0 0488	0 0578	31 8 A	5 13	13 5	17 7	6 84	1 678	0 1308	0 0078	26
27	0 0858	0 0588	0 0488	0 0588	26 6	4 67	11 8	16 7	6 82	1 508	0 1408	0 0088	27
28	0 0908	0 0578	0 0488	0 0608	20 6	4 23	10 6	15 6	4 78	1 508	0 1208	0 0088	28
29	0 0808		0 0508	0 0648	22 7	3 96	10 6	14 7	4 608	1 408	0 1208	0 0048	29
30	0 0768		0 0508	0 0888	37 8	3 81	11 5	13 8	4 578	1 328	0 1108	0 0038	30
31	0 0758		0 0508		50 5		10 9	12 9		1 218		0 0048	31
TOTAL	3.888	1.910	1.558	1.822	283.330	638.38	555.68	845.8	286.59	101.28	12.788	0.795	TOTAL
MEAN	0.125	0 068	0.050	0.054	8.48	21.3	17.9	27.3	8.89	3.27	0.426	0.026	MEAN
MAX	0 194	0 078	0.058	0.088	50.5	113	72.4	85.0	12.8	4.70	1.13	0.100	MAX
MIN	0.075	0.057	0.048	0.049	0.072	3.81	3.71	10.4	4.57	1.21	0.110	0.003	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.35
MAXIMUM DAILY, 113 ON JUN 3
MINIMUM DAILY, 0.0038 ON DEC 30
MAXIMUM INSTANTANEOUS,
138 AT 16:27 YST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 07 N
LONG 137 00 58 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	324	JUL	46 000
FEB	165	AUG	73 100
MAR	135	SEP	23 000
APR	160	OCT	8 750
MAY	32 700	NOV	1 100
JUN	55 200	DEC	68.7

TOTAL DISCHARGE, 233 000 dam³

BIG SALMON RIVER NEAR CARMACKS - STATION NO 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24 8B	17 3B	13 7B	13 9B	30 5B	478	181	90 6	91 3	78 8	35 4	26 2B	1
2	24 5B	17 1B	13 6B	13 9B	32 8B	513	156	86 4	89 5	86 6	36 9	26 2B	2
3	24 1B	17 0B	13 5B	13 9B	33 5B	427	146	83 6	84 4	85 9	36 3B	26 1B	3
4	23 7B	17 0B	13 3B	13 1B	37 5B	315	143	84 6	101	83 1	37 5B	27 9B	4
5	23 2B	17 1B	13 1B	13 2B	31 0B	249	145	86 4	115	79 5	36 8B	26 5B	5
6	22 3B	17 1B	12 9B	13 3B	26 0B	243	174	85 5	118	76 5	36 2B	25 4B	6
7	22 0B	17 0B	12 8B	13 4B	41 9	281	175	84 5	110	73 9	35 5B	25 1B	7
8	22 0B	16 8B	12 7B	13 5B	45 5	240	155	81 4	103	72 8	34 6B	24 8B	8
9	21 3B	16 6B	12 7B	13 6B	51 5	213	139	78 6	96 1	70 4	34 3B	24 0B	9
10	21 0B	16 2B	12 6B	13 6B	59 3	205	130	76 4	95 0	69 2	34 0B	23 5B	10
11	20 6B	15 8B	12 7B	13 7B	66 7	229	123	84 5	92 2	65 4	33 8B	22 9B	11
12	20 7B	15 5B	12 8B	13 8B	76 5	261	122	83 5	89 8	65 6	33 5B	22 8B	12
13	20 5B	15 0B	12 8B	13 9B	71 8	213	128	103	89 0	64 6	33 5B	22 7B	13
14	20 3B	14 5B	12 8B	13 7B	76 5	195	125	114	88 3	64 5	33 8B	22 6B	14
15	20 2B	14 3B	13 0B	13 6B	80 8	190	133	110	91 0	63 2	33 5B	22 9B	15
16	20 3B	14 1B	13 0B	13 9B	96 2	207	130	125	93 1	58 0	33 8B	23 0B	16
17	20 4B	14 0B	13 0B	13 6B	105	203	131	135	90 4	58 0	33 7B	22 6B	17
18	20 5B	13 8B	13 1B	13 7B	111	190	117	139	87 3	61 7	33 6B	22 3B	18
19	20 1B	13 7B	13 0B	13 6B	97 5	202	130	126	84 4	60 7	32 9B	23 2B	19
20	19 9B	13 6B	12 8B	13 6B	86 6	206	133	119	82 2	59 0	31 2B	23 0B	20
21	19 6B	13 7B	12 8B	13 9B	95 7	211	128	111	85 3	57 8	30 6B	21 8B	21
22	19 9B	13 8B	13 0B	14 1B	96 4	208	118	107	85 3	56 3	30 7B	21 0B	22
23	19 6B	13 8B	13 4B	14 4B	96 5	195	115	104	83 6	54 5	31 0B	20 7B	23
24	19 4B	13 5B	13 4B	14 7B	95 7	186	109	102	80 3	52 2	30 4B	20 8B	24
25	19 1B	13 5B	13 3B	15 2B	89 8	184	106	101	80 2	51 0B	29 5B	20 8B	25
26	19 0B	13 7B	13 4B	15 9B	86 4	184	101	98 1	80 2	49 0B	28 9B	20 0B	26
27	17 9B	13 8B	13 5B	16 5B	83 5	190	98 0	96 3	82 4	48 5	28 2B	19 2B	27
28	18 0B	13 0B	13 6B	17 3B	81 0	178	96 3	95 2	79 6	48 5	28 0B	19 0B	28
29	18 0B		13 7B	16 2B	95 3	183	95 9	91 5	78 6	45 0B	28 1B	18 9B	29
30	17 8B		13 7B	15 5B	100	184	92 5	88 6	78 3	44 5	28 2B	19 1B	30
31	17 5B		13 8B		348		89 1	88 3		42 7		19 2B	31
TOTAL	634 5	422 7	398 0	429 4	3 584 0	7 077	3 914 6	3 085 4	2 757 2	1 943 3	997 5	708 1	TOTAL
MEAN	20 5	15 1	13 6	14 3	83 4	236	126	99 5	91 9	62 7	33 1	22 6	MEAN
MAX	24 6	17 3	13 7	19 5	348	513	175	135	118	86 6	36 4	28 2	MAX
MIN	17 5	13 5	12 3	13 9	30 5	184	89 1	78 4	78 6	42 7	28 0	18 9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88 4
MAXIMUM DAILY, 513 ON JUN 2
MINIMUM DAILY, 12 3B ON MAR 26
MAXIMUM INSTANTANEOUS,
537 AT 09 31 YST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 22 N
LONG 134 50 00 W
DRAINAGE AREA, 6 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 800	JUL	338 000
FEB	36 500	AUG	267 000
MAR	34 400	SEP	238 000
APR	37 100	OCT	168 000
MAY	233 000	NOV	86 800
JUN	611 000	DEC	61 200

TOTAL DISCHARGE, 2 150 000 dam³

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO 10MB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.60B	5.23B	5.08B	4.80B	7.43B	405	131	78.8	71.1	35.4B	22.7B	14.9 B	1
2	5.60B	5.23B	5.18B	4.80B	7.70B	420	126	83.8	72.3	35.5B	22.4B	14.0 B	2
3	5.60B	5.23B	5.18B	4.88B	8.00B	370	115	112	80.8	35.5B	22.0B	13.5 B	3
4	5.58B	5.23B	5.04B	4.92B	8.40B	287	108	105	78.8	34.8B	21.8B	13.2 B	4
5	5.62B	5.24B	4.98B	4.98B	8.70B	170	99.1	93.4	74.5	34.0B	21.3B	12.9 B	5
6	5.68B	5.30B	5.00B	4.89B	9.05B	180	90.0	88.1	71.5	33.2B	19.8B	12.7 B	6
7	5.60B	5.34B	5.14B	5.00B	9.50B	198	81.8	88.1	68.4	32.2B	19.2B	11.3 B	7
8	5.72B	5.40B	5.18B	5.01B	9.95B	132	81.4	85.2	65.2	31.1B	19.2B	9.04B	8
9	5.58B	5.43B	5.10B	5.02B	10.4 B	118	78.4	79.5	62.7	30.3B	19.2B	8.78B	9
10	5.58B	5.40B	5.00B	5.03B	11.0 B	108	72.9	80.5	60.2	29.5B	19.2B	9.20B	10
11	5.60B	5.40B	4.98B	5.03B	11.5 B	118	73.8	128	57.7	28.2B	19.4B	8.00B	11
12	5.62B	5.38B	4.95B	5.07B	12.1 B	148	71.5	135	55.6	28.3B	19.5B	8.75B	12
13	5.64B	5.34B	4.98B	5.09B	12.8 B	145	68.0E	116	54.5	28.4B	19.0B	8.60B	13
14	5.70B	5.32B	5.03B	5.10B	13.5 B	152	66.0E	103	53.1	28.0B	18.8B	8.32B	14
15	5.76B	5.18B	5.08B	5.15B	14.2 B	184	65.1E	97.2	51.5	27.7B	18.2B	8.00B	15
16	5.80B	5.18B	5.18B	5.22B	15.0 B	183	64.8E	93.2	50.0	27.2B	17.7B	7.72B	16
17	5.80B	5.08B	5.20B	5.32B	15.4 B	181	66.8E	87.3	49.1	26.8B	17.3B	7.30B	17
18	5.78B	5.08B	5.20B	5.38B	16.2 B	178	66.8E	82.8	47.3	26.4B	17.2B	7.08B	18
19	5.70B	5.10B	5.13B	5.48B	16.8 B	176	66.0E	77.7	46.5	25.9B	16.8B	6.95B	19
20	5.62B	5.14B	5.00B	5.58B	22.0 B	188	76.3	73.3	45.0	25.0B	16.2B	6.98B	20
21	5.58B	5.18B	4.90B	5.68B	26.0 B	178	72.8	70.0	44.8	23.8B	15.3B	6.90B	21
22	5.62B	5.18B	4.85B	5.80B	27.2 B	183	67.9	68.8	46.4	26.0B	15.3B	6.98B	22
23	5.43B	5.20B	4.90B	5.92B	30.5 B	200	71.8	68.1	48.1	22.8B	15.5B	6.90B	23
24	5.38B	5.26B	4.90B	6.10B	35.0 B	177	72.5	71.0	48.7	22.8B	15.4B	6.84B	24
25	5.36B	5.36B	4.95B	6.26B	40.0 B	189	82.3	75.1	48.2	22.8B	15.4B	6.80B	25
26	5.40B	5.38B	4.97B	6.40B	45.0 B	188	82.7	73.8	42.4	23.2B	15.0B	6.75B	26
27	5.50B	5.26B	5.00B	6.80B	54.0 B	181	78.2	73.8	40.6	23.3B	15.4B	6.70B	27
28	5.60B	5.06B	5.00B	6.78B	61.5	171	72.0	82.4	37.8B	23.2B	15.3B	6.62B	28
29	5.60B		5.05B	7.00B	126	150	76.8	79.8	36.8B	23.1B	15.3B	6.32B	29
30	5.56B		4.95B	7.30B	244	137	81.0	74.8	36.8B	22.9B	15.0B	6.10B	30
31	5.30B		4.88B		366		80.8	73.6		22.8B		6.00B	31
TOTAL	173.80	148.86	155.89	165.66	1 219.85	5 473	2 489.7	2 889.3	1 645.2	857.0	540.4	272.97	TOTAL
MEAN	5.60	5.26	5.03	5.52	39.3	182	80.8	87.1	54.8	27.6	18.0	8.81	MEAN
MAX	5.80	5.43	5.20	7.30	366	420	131	135	80.8	35.5	22.7	14.9	MAX
MIN	5.30	5.06	4.85	4.80	7.43	108	64.8	68.1	35.5	22.8	15.0	6.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 420 ON JUN 2
MINIMUM DAILY, 4.80B ON APR 1
MAXIMUM INSTANTANEOUS,
483 AT 05:42 YST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 44 54 N
LONG 133 40 50 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 000	JUL	218 000
FEB	12 700	AUG	233 000
MAR	13 500	SEP	142 000
APR	14 300	OCT	74 000
MAY	105 000	NOV	48 700
JUN	473 000	DEC	23 600

TOTAL DISCHARGE, 1 370 000 dam³

YUKON TERRITORY

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO 09AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18 7B	18 0B	18 9B	12 0B	57 6	121	83 8	53 2	35 2	34 6	28 2B	15 1B	1
2	18 6B	18 5B	17 0B	12 2B	57 3	92 1	84 7	52 2	35 5	34 1	28 0B	15 0B	2
3	17 0B	18 5B	17 0B	12 4B	66 1	117	85 1	51 3	35 6	34 4	27 4B	15 0B	3
4	17 9B	18 7B	18 5B	12 5B	68 8	92 1	83 4	52 2	35 3	34 2	26 5B	15 0B	4
5	17 9B	18 0B	18 2B	12 5B	39 1	99 1	85 2	51 4	35 2	33 0	26 0B	15 0B	5
6	17 9B	18 7B	18 0B	12 6B	38 3	85 4	84 3	48 7	40 4	31 5	25 0B	15 0B	6
7	17 9B	17 0B	18 6B	13 7B	37 9	87 8	83 5	48 9	39 2	31 7	24 6B	15 2B	7
8	17 2B	17 2B	18 5B	12 8B	40 1	87 9	85 9	48 1	37 8	31 1	24 2B	15 5B	8
9	17 5B	17 9B	18 3B	13 0B	45 1	85 1	80 2	48 9	35 5	29 2	24 0B	15 6B	9
10	17 3B	18 2B	18 0B	13 0B	48 7	83 8	75 5	48 0	34 3	29 3	23 0B	15 7B	10
11	16 8B	18 7B	14 0B	13 2B	48 1	82 9	72 1	47 1	33 7	30 1	24 0B	15 9B	11
12	16 1B	18 1B	13 7B	13 0B	42 7	80 8	68 8	49 2	33 3	31 7	24 0B	15 0B	12
13	15 6B	18 7B	13 7B	14 2B	40 5	83 6	70 0	52 5	34 1	31 4	23 6B	15 1B	13
14	15 4B	18 0B	13 8B	15 0B	39 7	88 3	68 4	52 1	33 9	31 9	22 4B	15 2B	14
15	15 2B	18 4B	14 0B	22 0B	39 6	93 0	67 4	50 2	33 8	29 9	21 8B	15 4B	15
16	15 3B	18 7B	14 2B	26 0B	41 6	91 8	65 9	48 4	33 5	29 2	21 6B	15 5B	16
17	15 4B	18 2B	14 4B	33 0B	41 2	82 5	63 3	46 6	33 5	28 9	21 6B	15 7B	17
18	15 5B	17 6B	14 6B	40 0B	38 1	84 6	60 9	45 8	33 4	28 5B	21 4B	17 0B	18
19	15 6B	17 5B	14 7B	44 0B	36 4	78 5	58 7	45 7	32 2	28 4B	21 0B	17 1B	19
20	16 2B	18 0B	14 8B	54 0B	36 4	80 0	57 2	45 6	36 3	28 6B	20 0B	17 2B	20
21	17 0B	18 2B	14 3B	66 0B	37 0	82 2	55 9	43 4	38 9	28 6B	19 9B	17 3B	21
22	17 6B	18 6B	13 6B	80 0B	38 1	80 7	59 2	41 8	41 6	28 3B	18 4B	17 0B	22
23	18 0B	18 7B	13 0B	82 0	39 5	80 0	61 6	41 2	42 2	27 7B	18 0B	16 9B	23
24	18 2B	18 2B	12 5B	80 0	38 4	78 4	61 6	40 5	42 3	27 3B	17 8B	16 8B	24
25	18 5B	17 8B	12 2B	87 7	36 7	78 6	59 4	39 4	42 3	27 3B	17 4B	16 7B	25
26	18 4B	17 0B	12 0B	95 6	36 1	81 3	57 6	38 6	45 1	27 4B	17 2B	16 6B	26
27	18 5B	16 8B	11 8B	94 3	33 1	83 3	56 3	38 6	44 7	27 7B	17 0B	16 5B	27
28	18 0B	16 4B	11 7B	92 6	32 9	83 4	58 2	37 8	38 4	27 8B	16 8B	16 3B	28
29	18 0B		11 6B	91 2	37 1	81 8	56 0	37 0	38 9	28 1B	16 6B	16 0B	29
30	17 1B		11 7B	91 9	71 7	80 3	54 5	36 7	33 1	28 5B	15 8B	15 9B	30
31	16 8B		11 9B		110		53 7	35 7		28 6B		15 8B	31
TOTAL	534 5	488 4	438 9	969 1	1 382 6	2 277 6	2 139 1	1 414 4	1 108 0	929 4	684 4	499.0	TOTAL
MEAN	17 2	17 6	14 2	32 3	44 6	75 9	69 0	45 5	36 9	30 0	21 8	16.1	MEAN
MAX	18 9	18 9	17 0	82 0	110	121	84 3	52 2	45 1	34 6	28 2	17.3	MAX
MIN	15 2	15 4	11 6	12 0	32 9	56 3	53 7	35 7	30 9	27 2	15.6	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35 1
MAXIMUM DAILY, 121 ON JUN 1
MINIMUM DAILY, 11 6B ON MAR 29
MAXIMUM INSTANTANEOUS,
131 AT 05 20 YST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 200	JUL	185 000
FEB	43 100	AUG	122 000
MAR	37 900	SEP	95 700
APR	83 700	OCT	80 300
MAY	118 000	NOV	59 500
JUN	197 000	DEC	43 100

TOTAL DISCHARGE, 1 110 000 dam³

DONJEK RIVER BELOW KLUANE RIVER - STATION NO 09CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3B	19.7B	20.0B	22.5B	39.5B	260	396	593	386	180E	98.0B	46.0B	1
2	20.2B	19.6B	20.2B	22.8B	40.0B	236	439	638	373	177E	97.0B	44.0B	2
3	20.1B	19.5B	20.3B	23.0B	42.0B	266	412	687	369	176E	88.0B	42.0B	3
4	19.8B	19.5B	20.4B	23.0B	44.0B	254	425	664	326	173E	84.0B	36.0B	4
5	19.2B	19.7B	20.2B	23.1B	45.0B	206	585	636	310	172E	82.5B	37.0B	5
6	19.1B	19.6B	19.6B	23.4B	46.5B	181	562	604	290	169E	79.0B	36.0B	6
7	18.9B	19.5B	19.7B	23.7B	46.0B	161	748	580	281	163E	76.0B	33.0B	7
8	18.8B	19.4B	19.6B	23.6B	48.0B	161	838	550	282	158E	71.0B	31.5B	8
9	18.9B	19.3B	19.7B	24.0B	50.0B	167	900	583	273	150E	69.0B	30.0B	9
10	18.9B	19.2B	20.0B	24.7B	51.0B	170	922	643	263	145B	67.5B	28.5B	10
11	19.0B	19.1B	20.1B	25.1B	52.0B	176	885	693	256	144B	65.4B	27.3B	11
12	19.1B	19.2B	20.2B	25.5B	53.5B	176	879	693	256E	142B	65.5B	28.7B	12
13	19.2B	19.4B	20.3B	26.0B	55.0B	170	878	693	254E	139B	62.6B	28.3B	13
14	19.3B	19.6B	20.4B	26.7B	56.5B	171	871	644	251E	137B	61.0B	25.8B	14
15	19.2B	19.9B	20.3B	27.3B	61.0B	177	884	576	248E	136B	59.8B	26.2B	15
16	19.1B	20.2B	20.2B	28.0B	62.5E	187	886	527	243E	132B	58.0B	24.6B	16
17	19.0B	20.3B	20.1B	28.5B	63.0E	193	815	488	238E	128B	57.0B	23.7B	17
18	18.9B	20.4B	20.0B	29.0B	64.0E	209	760	460	234E	124B	56.0B	23.6B	18
19	18.9B	20.5B	20.0B	30.0B	69.5E	250	732	458	230E	120B	55.0B	22.1B	19
20	18.3B	20.4B	19.9B	30.5B	73.0E	270	736	444	224E	118B	54.1B	21.2B	20
21	18.0B	20.3B	20.2B	32.0B	76.5E	303	751	431	221E	117B	52.3B	21.0B	21
22	17.9B	20.1B	20.4B	33.0E	77.0E	336	764	424	218E	116B	51.0B	20.6B	22
23	18.1B	19.8B	20.6B	33.7B	81.0E	381	774	415	216E	114B	50.4B	20.2B	23
24	18.0B	19.6B	20.8B	33.9B	84.5E	390	808	403	214E	112B	50.0B	20.0B	24
25	16.9B	19.0B	21.0B	34.4B	87.2E	417	841	401	210E	111B	49.0B	19.8B	25
26	19.1B	19.0B	21.1B	35.0B	90.2A	488	818	380	208E	110B	48.3B	19.7B	26
27	18.2B	18.7B	21.3B	36.5B	92.5	527	838	372	203E	110B	48.2B	19.3B	27
28	18.3B	19.0B	21.7B	37.0B	90.3	482	884	372	198E	108B	48.0B	19.2B	28
29	18.4B		22.0B	37.5B	90.1	431	803	374	192E	106B	47.8B	19.1B	29
30	19.5B		22.2B	38.5B	134	422	848	378	187E	105B	47.0B	19.0B	30
31	19.0B		22.5B		200		828	382		102B		19.0B	31
TOTAL	581.6	553.5	636.2	882.2	2 160.6	6 212	17 182	16 094	7 836	4 194	1 885.8	828.3	TOTAL
MEAN	19.1	19.8	20.5	29.7	69.7	274	554	519	284	135	63.2	26.7	MEAN
MAX	20.3	20.5	22.5	38.5	200	527	892	687	373	180	98.0	46.0	MAX
MIN	17.9	19.1	19.6	22.5	39.5	157	396	372	187	102	47.0	19.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 892 ON JUL 6
MINIMUM DAILY, 17.9B ON JAN 22
MAXIMUM INSTANTANEOUS,
953 AT 12:17 YST ON JUL 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 04 56 N
LONG 139 51 35 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 100	JUL	1 480 000
FEB	47 800	AUG	1 230 000
MAR	84 900	SEP	690 000
APR	76 500	OCT	382 000
MAY	187 000	NOV	184 000
JUN	710 000	DEC	71 800

TOTAL DISCHARGE, 5 250 000 dam³

YUKON TERRITORY

DUKE RIVER NEAR THE MOUTH - STATION NO 09CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 720	1 572	1 358	1 218	1 418	23 0	48 8	20 4	7 35	4 80E	3 348	2 118	1
2	1 698	1 558	1 348	1 238	1 448	24 0	31 7	19 0	7 01	4 85E	3 308	2 118	2
3	1 618	1 538	1 338	1 228	1 478	33 9	27 8	48 5	6 88	4 83E	3 318	2 108	3
4	1 608	1 508	1 328	1 218	1 518	14 4	41 8	50 0	6 02	4 81E	3 158	2 108	4
5	1 558	1 488	1 318	1 208	1 588	10 8	54 4	37 3	6 03	4 80E	3 088	2 118	5
6	1 538	1 488	1 318	1 198	1 578	9 40	41 3	25 3	7 36	4 80E	2 988	2 118	6
7	1 538	1 488	1 308	1 188	1 558	9 32	27 6	21 0	6 87	4 30E	2 888	2 118	7
8	1 518	1 438	1 318	1 178	1 688	8 21	27 2	20 1	6 49	4 10E	2 808	2 088	8
9	1 508	1 418	1 328	1 188	1 708	7 84	22 4	19 4	6 88	4 04E	2 748	2 038	9
10	1 598	1 408	1 328	1 158	1 768	8 33	19 7	20 2	8 75	4 00E	2 718	2 008	10
11	1 488	1 398	1 318	1 148	1 838	7 82	15 6	28 3	8 78	4 03E	2 708	1 988	11
12	1 488	1 378	1 308	1 138	1 848	8 73	17 1	48 0	8 70	4 09E	2 708	1 938	12
13	1 488	1 358	1 298	1 12A	2 08A	8 10	49 8	47 6	8 78	4 11E	2 688	1 908	13
14	1 478	1 358	1 288	1 138	2 31	8 37	45 8	32 4	8 71	4 15E	2 648	1 888	14
15	1 488	1 368	1 288	1 148	2 43	7 78	63 8	20 2	8 38	4 11E	2 608	1 878	15
16	1 498	1 368	1 288	1 168	2 33	8 02	83 8	18 5	7 83	4 08E	2 558	1 858	16
17	1 508	1 368	1 258	1 188	2 37	8 59	68 5	18 5	7 43	4 08E	2 518	1 898	17
18	1 508	1 378	1 248	1 178	2 33	12 8	60 3	19 3	7 24	4 07E	2 488	1 918	18
19	1 518	1 378	1 238	1 198	2 07	15 8	85 2	19 8	7 10	4 08E	2 438	1 938	19
20	1 538	1 388	1 218	1 218	2 28	18 2	78 2	18 1	8 85	4 08E	2 328	1 998	20
21	1 558	1 398	1 218	1 218	2 21	23 1	80 8	13 7	9 40	4 03E	2 288	1 978	21
22	1 578	1 398	1 208	1 238	2 15	24 2	32 1	12 3	9 85	4 00E	2 258	1 958	22
23	1 588	1 398	1 198	1 248	2 03	27 3	37 6	11 3	9 67	3 84E	2 268	1 928	23
24	1 608	1 388	1 188	1 258	1 94	31 8	37 9	10 5	9 73	3 70E	2 278	1 908	24
25	1 608	1 388	1 188	1 268	1 90	33 7	27 0	9 57	9 47	3 55E	2 288	1 818	25
26	1 598	1 378	1 188	1 278	1 87	30 1	23 6	8 55	9 30E	3 48E	2 258	1 828	26
27	1 588	1 378	1 208	1 308	1 82	26 3	23 6	7 76	9 20E	3 40E	2 218	1 858	27
28	1 578	1 388	1 218	1 338	1 86	23 9	26 1	7 18	9 00E	3 38E	2 178	1 878	28
29	1 568		1 228	1 388	2 26	23 2	35 3	7 04	8 80E	3 35E	2 148	1 888	29
30	1 568		1 238	1 408	10 1	21 1	28 3	8 93	8 70E	3 30E	2 118	1 858	30
31	1 578		1 228		34 2		22 1	7 08		3 35E		1 548	31
TOTAL	48 00	39 51	39 07	38 29	99.83	481.59	1 273 3	851.19	193.38	124.98	77 92	60.34	TOTAL
MEAN	1 55	1 41	1 26	1 21	3 22	16 1	41 1	21 0	8 45	4 03	2 80	1 95	MEAN
MAX	1 72	1 57	1 35	1 40	34 2	30 1	85 2	50 0	9 08	4 85	3 34	2 11	MAX
MIN	1 47	1 35	1 18	1 12	1 41	8 10	15 6	8 93	4 70	3 35	2 11	1 80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 55
MAXIMUM DAILY, 85 2 ON JUL 19
MINIMUM DAILY, 1 12A ON APR 13
MAXIMUM INSTANTANEOUS,
95 9 AT 13:38 YST ON JUL 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 21 37 N
LONG 139 09 23 W
DRAINAGE AREA, 831 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 150	JUL	110 000
FEB	3 410	AUG	85 300
MAR	3 380	SEP	14 700
APR	3 140	OCT	10 800
MAY	8 630	NOV	6 730
JUN	41 600	DEC	5 210

TOTAL DISCHARGE, 270 000 dam³

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0588	0.0218	0.0118	0 B	0.2008	174	8.37	3.01	2.60	5.618	1.34 B	0.4608	1
2	0.0548	0.0208	0.0118	0 B	0.3008	110	7.38	2.89	2.50	4.328	1.27 B	0.3808	2
3	0.0538	0.0208	0.0118	0 B	0.5008	88.5	6.58	2.74	2.40	4.208	1.24 B	0.2808	3
4	0.0518	0.0198	0.0108	0 B	0.8008	67.0	6.02	2.60	2.20	3.728	1.22 B	0.2188	4
5	0.0498	0.0188	0.0108	0 B	1.40 B	51.1	5.95	2.79	2.08	3.608	1.18 B	0.1928	5
6	0.0478	0.0188	0.0108	0 B	2.30 B	52.3	5.21	3.88	2.08	3.328	1.17 B	0.1648	6
7	0.0458	0.0188	0.0098	0 B	3.48 B	38.0	4.51	4.42	2.02	3.178	1.14 B	0.1278	7
8	0.0428	0.0188	0.0098	0 B	5.00 B	30.3	3.82	4.10	1.96	2.988	1.08 B	0.1038	8
9	0.0418	0.0188	0.0098	0 B	7.80 B	25.5	3.44	3.83	1.93	2.738	1.07 B	0.0828	9
10	0.0408	0.0188	0.0088	0 B	10.0	24.5	3.21	3.27	1.89	2.508	1.04 B	0.0808	10
11	0.0388	0.0188	0.0088	0 B	8.28	20.7	3.10	3.04	1.85	2.388	0.9858	0.0718	11
12	0.0368	0.0188	0.0088	0 B	7.37	19.3	2.87	2.79	1.81	2.248	0.8828	0.0628	12
13	0.0278	0.0178	0.0078	0 B	7.85	21.8	2.67	2.81	1.76	2.148	0.8008	0.0548	13
14	0.0368	0.0188	0.0078	0 B	7.72	28.4	2.42	2.43	1.72	2.058	0.7758	0.0478	14
15	0.0358	0.0158	0.0078	0 B	13.2	24.5	2.24	2.30	1.67	1.958	0.7628	0.0428	15
16	0.0348	0.0158	0.0068	0 B	15.5	39.9	2.21	2.18	1.70	1.878	0.7308	0.0378	16
17	0.0338	0.0148	0.0068	0 B	15.4	288	2.13	2.05	1.71	1.798	0.6978	0.0338	17
18	0.0328	0.0148	0.0068	0 B	9.59	181	1.98	2.01	1.77	1.748	0.6748	0.0308	18
19	0.0318	0.0138	0.0068	0.0028	8.35	72.0	1.91	1.93	1.82	1.708	0.6588	0.0288	19
20	0.0308	0.0138	0.0068	0.0038	9.23	49.4	1.88	1.88	1.81	1.688	0.6468	0.0268	20
21	0.0288	0.0138	0.0048	0.0058	8.15	42.8	1.92	1.83	1.78	1.648	0.6378	0.0248	21
22	0.0288	0.0138	0.0048	0.0088	3.68	43.1	1.92	1.80	2.88	1.618	0.6288	0.0228	22
23	0.0278	0.0138	0.0038	0.0088	3.25	42.3	1.88	1.74	18.5	1.598	0.6208	0.0218	23
24	0.0278	0.0128	0.0038	0.0098	8.38	33.8	1.89	1.75	22.2	1.578	0.6058	0.0198	24
25	0.0268	0.0128	0.0028	0.0108	31.5	27.1	1.84	1.81	15.0	1.568	0.5908	0.0188	25
26	0.0248	0.0138	0.0028	0.0178	83.0	22.1	2.04	1.73	12.5 B	1.558	0.5858	0.0188	26
27	0.0258	0.0128	0.0018	0.0288	147	17.5	1.95	1.73	9.328	1.528	0.5788	0.0158	27
28	0.0258	0.0118	0.0018	0.0508	239	14.2	2.11	1.84	8.608	1.508	0.5578	0.0148	28
29	0.0248		0 B	0.0808	221	11.4	2.09	2.15	8.438	1.488	0.5488	0.0138	29
30	0.0238		0 B	0.1258	193	9.84	2.08	1.97	7.358	1.468	0.5108	0.0138	30
31	0.0228		0 B		159		2.50	2.51		1.408		0.0128	31
TOTAL	1.105	0.443	0.183	0.345	1 280.230	1 585.04	100.15	77.49	143.87	72.81	25.215	2.853	TOTAL
MEAN	0.036	0.016	0.006	0.012	40.7	52.8	3.23	2.50	4.80	2.34	0.841	0.086	MEAN
MAX	0.058	0.021	0.011	0.125	239	288	8.37	4.42	22.2	5.61	1.34	0.460	MAX
MIN	0.022	0.011	0	0	0.200	9.84	1.84	1.73	1.67	1.40	0.510	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.98
MAXIMUM DAILY, 288 ON JUN 17
MINIMUM DAILY, 0B ON MAR 29
MAXIMUM INSTANTANEOUS,
323 AT 13:51 YST ON JUN 17

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 26 30 N
LONG 136 42 30 W
DRAINAGE AREA, 1 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95.5	JUL	8 650
FEB	38.3	AUG	6 700
MAR	15.6	SEP	12 400
APR	29.6	OCT	6 270
MAY	108 000	NOV	2 180
JUN	137 000	DEC	229

TOTAL DISCHARGE, 283 000 dam³

YUKON TERRITORY

FIFTH RIVER NEAR THE MOUTH - STATION NO 10HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0.0	0 B	240 B	83.5	132	106	26.1 B	6.10 B	0.0500	1
2	0.0	0.0	0.0	0.0	0 B	263 B	83.4	137	106	25.6 B	5.77 B	0 B	2
3	0.0	0.0	0.0	0.0	0 B	293 B	103	126	99.6	25.6 B	5.48 B	0 B	3
4	0.0	0.0	0.0	0.0	0 B	306 B	107	128	81.7	23.6 B	5.20 B	0 B	4
5	0.0	0.0	0.0	0.0	0 B	285 B	106	96.5	71.8	22.1 B	4.95 B	0 B	5
6	0.0	0.0	0.0	0.0	0 B	267	104	88.0	82.6	21.1 B	4.68 B	0 B	6
7	0.0	0.0	0.0	0.0	0 B	153	113	86.5	96.0	20.1 B	4.44 B	0 B	7
8	0.0	0.0	0.0	0.0	0 B	137	117	77.7	83.9	19.4 B	4.20 B	0 B	8
9	0.0	0.0	0.0	0.0	0 B	143 A	121	71.0	82.6	18.5 B	3.96 B	0 B	9
10	0.0	0.0	0.0	0.0	0.0500	156 E	128	64.2	80.9	17.6 B	3.77 B	0 B	10
11	0.0	0.0	0.0	0.0	0.0500	173 E	136	56.6	81.1	16.8 B	3.57 B	0 B	11
12	0.0	0.0	0.0	0.0	0.1400	188 A	135	50.3	81.0	16.1 B	3.38 B	0 B	12
13	0.0	0.0	0.0	0.0	0.1700	203	141	46.6	82.2	15.3 B	3.20 B	0 B	13
14	0.0	0.0	0.0	0.0	0.2400	201	150	46.6	83.3	14.6 B	3.00 B	0 B	14
15	0.0	0.0	0.0	0.0	0.3000	198	139	44.4	82.4	13.9 B	2.85 B	0 B	15
16	0.0	0.0	0.0	0.0	0.3000	191	132	43.5	80.7	13.3 B	2.70 B	0 B	16
17	0.0	0.0	0.0	0.0	0.4500	206	138	39.5	69.3	13.7 B	2.54 B	0 B	17
18	0.0	0.0	0.0	0.0	0.5000	184	142	36.6	67.6	13.1 B	2.40 B	0 B	18
19	0.0	0.0	0.0	0.0	0.7200	160	141	35.2	62.7	11.6 B	2.27 B	0 B	19
20	0.0	0.0	0.0	0.0	0.9100	119	139	43.6	60.38	11.0 B	2.14 B	0 B	20
21	0.0	0.0	0.0	0.0	1.25 B	106	131	43.4	38.88	10.5 B	2.00 B	0 B	21
22	0.0	0.0	0.0	0.0	2.50 B	157	105	45.6	27.48	9.708 B	1.77 B	0 B	22
23	0.0	0.0	0.0	0.0	3.70 B	184	105	46.6	26.08	9.488 B	1.53 B	0 B	23
24	0.0	0.0	0.0	0.0	6.00 B	161	107	47.2	24.78	8.988 B	1.30 B	0 B	24
25	0.0	0.0	0.0	0.0	9.60 B	116	111	53.0	33.28	8.908 B	1.12 B	0 B	25
26	0.0	0.0	0.0	0.0	15.8 B	101	120	53.1	32.08	8.168 B	0.9408 B	0 B	26
27	0.0	0.0	0.0	0.0	28.0 B	96.6 B	120	51.4	30.78	7.758 B	0.7508 B	0 B	27
28	0.0	0.0	0.0	0.0	44.0 B	87.6 B	121	50.0	29.68	7.368 B	0.5708 B	0 B	28
29	0.0		0.0	0.0	70.0 B	83.1	135	70.6	28.28	7.008 B	0.3808 B	0 B	29
30	0.0		0.0	0.0	110 B	80.3	122	91.7	27.38	6.708 B	0.2508 B	0 B	30
31	0.0		0.0		180 B		125	102		6.348 B		0 B	31
TOTAL	0	0	0	0	472.950 B	5 335.6 B	3 736.9 B	2 089.3	1 841.0 B	444.74 B	87.240 B	0.050 B	TOTAL
MEAN	0	0	0	0	15.2	178	121	86.8	61.4	14.3	2.91	0.002	MEAN
MAX	0	0	0	0	180	304	148	137	100	26.1	6.10	0.050	MAX
MIN	0	0	0	0	0	80.3	83.5	36.6	27.2	6.34	0.350	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.5
MAXIMUM DAILY, 2940 ON JUN 4
MINIMUM DAILY, 0.0 ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 13 00 N
LONG 139 34 00 W
DRAINAGE AREA, 5 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	323 000
FEB	0	AUG	178 000
MAR	0	SEP	133 000
APR	0	OCT	38 400
MAY	40 800	NOV	7 540
JUN	481 000	DEC	4 32

TOTAL DISCHARGE, 1 180 000 dam³

FORTYMILE RIVER NEAR THE MOUTH - STATION NO 09EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1008	0.0238	0.0118	0.0178	1608	256	89.2	448	227 E	71.08	16.8 B	3.758	1
2	0.0948	0.0238	0.0118	0.0148	269	186	72.7	415	212 E	67.58	15.4 B	3.608	2
3	0.0828	0.0248	0.0128	0.0158	215	137	76.0	370	208 E	63.08	15.0 B	3.358	3
4	0.0708	0.0228	0.0128	0.0178	176	159	88.1	304	204 E	58.28	14.2 B	3.188	4
5	0.0658	0.0218	0.0118	0.0198	150	166	128	270	200 E	58.08	13.0 B	3.058	5
6	0.0688	0.0238	0.0108	0.0188	134	145	101	280	195 E	54.88	12.5 B	2.858	6
7	0.0708	0.0238	0.0098	0.0178	134	128	77.0	228	188 E	51.58	11.9 B	2.738	7
8	0.0738	0.0218	0.0088	0.0168	136	102	82.1	180	176 E	47.08	11.3 B	2.578	8
9	0.0558	0.0188	0.0108	0.0178	157	77.9	84.3	160	166 E	43.88	10.8 B	2.608	9
10	0.0428	0.0188	0.0118	0.0188	205	84.3	83.0	139	155 E	42.78	10.8 B	2.458	10
11	0.0448	0.0148	0.0118	0.0158	274	76.1	73.2	127	148 E	41.58	10.3 B	2.358	11
12	0.0488	0.0138	0.0108	0.0158	303	95.0	139	116	150 E	38.68	9.858	2.388	12
13	0.0458	0.0128	0.0098	0.0168	293	114	190	107	140 E	37.88	9.308	2.198	13
14	0.0398	0.0118	0.0118	0.0198	318	105	181	105	128 E	35.88	8.908	2.128	14
15	0.0428	0.0108	0.0128	0.0228	373	98.7	159	116	119 E	34.08	8.748	2.038	15
16	0.0468	0 B	0.0128	0.0208	339	115	120	3208	123 E	32.58	8.508	1.888	16
17	0.0518	0.0058	0.0138	0.0188	293	150	90.1	2508	130 E	31.58	8.158	1.838	17
18	0.0538	0.0108	0.0148	0.0168	241	161	78.0	2808	133 E	31.08	7.708	1.678	18
19	0.0508	0.0118	0.0138	0.0208	224	132	297	2388	120 E	29.88	7.358	1.608	19
20	0.0438	0.0128	0.0128	0.0208	239	108	902	2008	119 E	26.28	6.008	1.758	20
21	0.0368	0.0138	0.0138	0.0238	209	232	938	1708	117 E	27.88	5.958	1.728	21
22	0.0278	0.0148	0.0148	0.0278	167	611	658	2158	116 E	26.08	6.208	1.688	22
23	0.0248	0.0168	0.0138	0.0288	118	304	458	2488	107 B	24.58	5.958	1.628	23
24	0.0128	0.0168	0.0128	0.0288	103	212	376 A	2788	98.88	23.38	5.658	1.588	24
25	0.0248	0.0158	0.0128	0.0508	108	195	307	2538	93.88	22.28	5.488	1.528	25
26	0.0288	0.0148	0.0108	0.2008	133	116	241	2308	87.08	21.08	5.208	1.488	26
27	0.0288	0.0138	0.0108	0.7008	151	87.1	178	2708	82.58	20.38	4.908	1.428	27
28	0.0328	0.0128	0.0128	3.00 B	150	124	142	3308	80.08	20.08	4.658	1.388	28
29	0.0388		0.0148	8.00 B	137	178	118	3808	77.58	19.58	4.338	1.348	29
30	0.0308		0.0148	40.0 B	163	114	136	3858	74.88	18.78	4.008	1.308	30
31	0.0258		0.0188		213		327	2758		17.98		1.258	31
TOTAL	1.485	0.424	0.363	52.408 B	6 286	4 508.1	5 906.7	7 784	4 184.5	1 138.4	270.10	68.62	TOTAL
MEAN	0.048	0.015	0.012	1.75	202	150	333	251	139	36.8	9.01	2.15	MEAN
MAX	0.100	0.024	0.018	40.0	373	611	938	448	227	71.0	18.8	3.75	MAX
MIN	0.022	0	0.008	0.014	103	84.3	83.0	105	74.8	17.9	4.00	1.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.4
MAXIMUM DAILY, 938 ON JUL 21
MINIMUM DAILY, 0.0 ON FEB 16
MAXIMUM INSTANTANEOUS,
1 040 AT 00:07 YST ON JUL 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 33 50 N
LONG 140 38 40 W
DRAINAGE AREA, 18 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	126	JUL	597 000
FEB	36.8	AUG	673 000
MAR	31.4	SEP	380 000
APR	4 530	OCT	98 400
MAY	561 000	NOV	33 300
JUN	389 000	DEC	5 780

TOTAL DISCHARGE, 2 890 000 dam³

YUKON TERRITORY

FRANCES LAKE AT KILOMETRE 171.6 ROBERT CAMPBELL HIGHWAY - STATION NO 10AB002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	...	...	...	...	...	1 039	3 326	3 413	2 407	2 579	2 275	1 889	1 282	1
2	...	...	...	...	...	1 067	3 675	3 359	2 396	2 565	2 258	1 866	1 251	2
3	...	...	...	...	...	1 131	3 889	3 305	2 402	2 549	2 245	1 826	1 250	3
4	...	...	...	...	...	1 189	3 955	3 245	2 415	2 545	2 232	1 818	1 250	4
5	...	...	...	...	...	1 195	3 968	3 183	2 414	2 564	2 202	1 813	1 250	5
6	...	...	...	...	...	1 238	3 955	3 163	2 410	2 552	2 187	1 587	1 220	6
7	...	...	...	...	...	1 267	3 924	3 158	2 400	2 574	2 170	1 583	1 195	7
8	...	...	...	...	...	1 309	3 893	3 118	2 396	2 593	2 145	1 543	1 170	8
9	...	...	...	...	0 863A	1 357	3 887	3 061	2 379	2 596	2 114	1 526	1 145	9
10	...	...	...	...	0 864	1 421	3 818	3 007	2 368	2 596	2 068	1 498	1 120	10
11	...	...	...	...	0 864	1 501	3 775	2 938	2 337	2 588	2 067	1 488	1 112	11
12	...	...	...	...	0 873	1 581	3 773	2 876	2 331	2 580	2 059	1 481	1 104	12
13	...	...	...	...	0 864	1 653	3 765	2 831	2 338	2 577	2 033	1 483	1 096	13
14	...	...	...	...	0 888	1 726	3 737	2 779	2 354	2 572	2 017	1 468	1 088	14
15	...	...	...	...	0 867	1 787	3 704	2 738	2 373	2 581	1 995	1 444	1 080	15
16	...	...	...	...	0 883	1 851	3 713	2 695	2 397	2 558	1 973	1 437	1 071	16
17	...	...	...	...	0 884	1 928	3 725	2 662	2 425	2 547	1 959	1 426	1 062	17
18	...	...	...	...	0 885	1 895	3 716	2 629	2 454	2 536	1 951	1 426	1 053	18
19	...	...	...	...	0 878	2 033	3 714	2 606	2 488	2 522	1 933	1 419	1 044	19
20	...	...	...	...	0 884	2 086	3 712	2 601	2 494	2 520	1 921	1 397	1 035	20
21	...	...	...	...	0 890	2 125	3 707	2 588	2 535	2 508	1 899	1 376	1 029	21
22	0 980A	...	...	...	0 893	2 176	3 704	2 585	2 533	2 490	1 883	1 367	1 023	22
23	0 969A	...	...	...	0 895	2 207	3 690	2 572	2 539	2 488	1 858	1 355	1 017	23
24	...	...	...	...	0 897	2 242	3 679	2 554	2 559	2 454	1 834	1 353	1 011	24
25	...	...	...	...	0 904	2 272	3 661	2 538	2 569	2 428	1 823	1 350	1 005	25
26	...	...	...	...	0 908	2 298	3 628	2 521	2 575	2 409	1 805	1 341	1 096	26
27	...	...	...	...	0 920	2 329	3 603	2 505	2 582	2 381	1 786	1 333	1 087	27
28	...	...	...	...	0 934	2 360	3 573	2 481	2 591	2 363	1 765	1 309	1 078	28
29	...		...	...	0 948	2 427	3 522	2 466	2 592	2 313	1 747	1 299	1 069	29
30	...		...	...	0 935	2 588	3 462	2 449	2 592	2 295	1 731	1 293	0 980	30
31	...		...			2 900		2 425	2 582		1 706		0 951	31
MEAN	...	...	...	...	1 016	3 726	3 608	3 458	2 511	1 989	1 456	1 103	MEAN
MAX	...	...	...	...	2 900	3 968	3 613	2 592	2 596	2 275	1 889	1 282	MAX
MIN	...	...	...	...	1 039	3 326	2 425	2 331	2 295	1 706	1 293	0 951	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 3 968 ON JUN 5

MAXIMUM INSTANTANEOUS,
3 972 AT 19:30 YST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 30 N
LONG 129 37 40 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 728.821 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0B	24.6B	21.0B	19.5B	36.0B	435	377	174	215	184	89.0B	48.0B	1
2	40.5B	24.6B	20.6B	19.8B	40.0B	505	363	174	212	182	86.0B	46.0B	2
3	39.5B	24.3B	20.3B	19.9B	45.0B	549	351	174	210	180	87.0B	48.0B	3
4	39.0B	24.0B	20.1B	19.8B	52.0B	579	338	178	207	159	87.0B	48.0B	4
5	38.0B	24.0B	20.0B	19.8B	59.0B	591	329	176	206	158	86.0B	48.0B	5
6	36.0B	24.0B	20.0B	19.8B	66.5	584	325	174	206	150	82.0B	48.0B	6
7	34.5B	23.8B	20.0B	19.8B	70.5	573	321	172	212	146	78.0B	46.0B	7
8	33.0B	23.5B	20.0B	19.5B	76.9	557	312	170	217	146	75.0B	44.0B	8
9	32.0B	23.2B	20.0B	19.4B	83.5	539	302	168	221	141	71.0B	43.5B	9
10	31.3B	23.1B	20.1B	19.5B	93.3	520	290	164	223	133	69.0B	43.5B	10
11	30.5B	23.1B	20.1B	19.5B	103	508	277	160	223	132	66.0B	43.0B	11
12	30.0B	23.0B	20.2B	19.6B	112	498	266	157	220	133	67.0B	42.5B	12
13	29.7B	23.0B	20.2B	19.5B	117	488	256	158	218	130	66.0B	42.0B	13
14	29.4B	22.5B	20.1B	19.5B	118	474	245	158	217	127	65.5B	42.0B	14
15	29.0B	22.0B	20.0B	19.4B	122	467	236	164	215	125	65.0B	42.0B	15
16	28.6B	22.0B	20.0B	19.5B	128	473	229	170	214	121	65.0B	42.0B	16
17	28.3B	22.0B	20.0B	19.6B	136	467	220	176	212	118	64.5B	42.0B	17
18	28.0B	22.0B	20.0B	19.7B	147	462	213	188	209	116	64.0B	42.0B	18
19	27.7B	22.0B	20.0B	19.7B	152	464	210	193	205	115	63.0B	42.0B	19
20	27.6B	21.6B	20.0B	19.6B	157	462	208	202	202	113	61.0B	42.0B	20
21	27.5B	21.7B	19.6B	19.6B	166	455	206	207	198	111	58.0B	41.5B	21
22	27.0B	21.6B	19.7B	19.8B	175	446	207	208	194	110	55.5B	41.0B	22
23	26.5B	21.5B	19.6B	20.0B	182	440	208	210	190	107	54.0B	40.6B	23
24	26.0B	21.3B	19.4B	20.0B	185	440	202	211	189	103	53.0B	41.0B	24
25	25.5B	24.0B	19.3B	20.0B	189	434	200	213	188	103	52.3B	41.0B	25
26	25.3B	21.5B	19.4B	20.3B	194	427	195	214	187	99.7	52.0B	41.0B	26
27	25.0B	21.4B	19.5B	21.0B	186	418	191	217	184	94.6	51.0B	40.5B	27
28	25.0B	21.3B	19.4B	23.0B	201	410	188	221	177	93.6	50.0B	40.4B	28
29	25.0B		19.7B	26.0B	218	402	186	221	168	93.0	49.0B	40.5B	29
30	25.0B		19.7B	30.0B	260	389	179	219	165	90.9	48.5B	40.5B	30
31	24.7B		19.8B		331		175	216		90.3		41.0B	31
TOTAL	938.0	636.0	618.4	612.6	4 215.7	14 442	7 789	6 803	6 104	3 843.3	1 984.3	1 335.3	TOTAL
MEAN	30.2	22.7	19.9	20.4	136	481	252	187	203	124	66.1	43.1	MEAN
MAX	41.0	24.6	21.0	30.0	331	551	377	221	223	184	89.0	48.0	MAX
MIN	24.7	21.3	19.3	19.4	35.0	389	175	158	165	90.3	46.5	40.4	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 132
MAXIMUM DAILY, 591 ON JUN 5
MINIMUM DAILY, 19.3B ON MAR 25
MAXIMUM INSTANTANEOUS,
592 AT 15:20 YST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 26 N
LONG 129 07 08 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 900	JUL	674 000
FEB	55 000	AUG	501 000
MAR	53 400	SEP	527 000
APR	52 900	OCT	332 000
MAY	384 000	NOV	171 000
JUN	1 250 000	DEC	115 000

TOTAL DISCHARGE, 4 180 000 dam³

KILTANA CREEK NEAR THE MOUTH - STATION NO 09AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1108	0.0888	0.1158	0.1208	0.2508	1.76	0.538	0.256	0.4258	0.374	0.2408	0.0878	1
2	0.1068	0.0998	0.1168	0.1218	0.3308	1.93	0.548	0.278	0.4828	0.373	0.2318	0.0868	2
3	0.1038	0.1008	0.1158	0.1218	0.4008	2.43	0.548	0.308	0.5048	0.444A	0.2028	0.0858	3
4	0.1018	0.1018	0.1148	0.1238	0.5008	2.88	0.567	0.318	0.5028	0.4428	0.1858	0.0848	4
5	0.0838	0.1038	0.1118	0.1218	0.5008	3.01	0.627	0.283	0.4838	0.4408	0.1768	0.0838	5
6	0.0858	0.1038	0.1078	0.1208	0.7008	2.85	0.693	0.273	0.463A	0.4408	0.1708	0.0828	6
7	0.0838	0.1028	0.1068	0.1208	0.8508	2.84	0.733	0.236	0.598	0.4398	0.1608	0.0808	7
8	0.0898	0.1038	0.1058	0.1198	1.10 E	2.62	0.758	0.283A	0.634	0.4378	0.1558	0.0788	8
9	0.0888	0.1068	0.1048	0.1198	1.45 E	2.19	0.720	0.301	0.722	0.4358	0.1518	0.0778	9
10	0.0878	0.1088	0.1048	0.1198	2.25 E	1.98	0.685	0.180	0.772	0.4388	0.1488	0.0768	10
11	0.0888	0.1078	0.1068	0.1188	2.77 A	1.71	0.661	0.478	0.788	0.4378	0.1488	0.0768	11
12	0.0898	0.1078	0.1048	0.1178	2.82	1.60	0.827	0.581	0.735	0.4388	0.1438	0.0758	12
13	0.0908	0.1068	0.1058	0.1168	2.78	1.36	0.818	0.910	0.702	0.4358	0.1418	0.0758	13
14	0.0918	0.1068	0.1068	0.1158	2.68	1.21	0.823	1.08	0.689	0.4308	0.1408	0.0738	14
15	0.0928	0.1028	0.1088	0.1178	2.58	1.11	0.834	1.39	0.658	0.4238	0.1398	0.0728	15
16	0.0938	0.1018	0.1098	0.1218	2.57	1.00	0.810	1.67	0.648	0.4168	0.1378	0.0708	16
17	0.0948	0.1008	0.1058	0.1238	2.48	0.928	0.774	1.88	0.642	0.4088	0.1358	0.0688	17
18	0.0948	0.0998	0.1108	0.1238	2.38	0.877	0.738	2.04	0.621	0.3708	0.1328	0.0678	18
19	0.0938	0.0988	0.1108	0.1258	2.30	0.846	0.800	2.11	0.619	0.3608	0.1308	0.0668	19
20	0.0948	0.0938	0.1118	0.1268	2.25	0.831	0.867	2.07	0.618	0.3458	0.1288	0.0668	20
21	0.0938	0.1008	0.1138	0.1298	2.22	0.806	0.830	1.93	0.607	0.3358	0.1188	0.0658	21
22	0.0928	0.1018	0.1138	0.1308	2.16	0.752	0.845	1.86	0.572	0.3308	0.1148	0.0658	22
23	0.0918	0.1038	0.1148	0.1308	2.06	0.717	0.813	1.84	0.548	0.3258	0.1098	0.0658	23
24	0.0918	0.1058	0.1158	0.1318	1.92	0.667	0.802	1.78	0.544	0.3218	0.1058	0.0648	24
25	0.0928	0.1088	0.1168	0.1338	1.80	0.636	0.811	1.69	0.522	0.3198	0.1028	0.0648	25
26	0.0928	0.1058	0.1178	0.1348	1.65	0.604	0.811	1.63	0.489	0.3158	0.1008	0.0638	26
27	0.0938	0.1118	0.1188	0.1408	1.54	0.578	0.793	1.59	0.452	0.3108	0.0988	0.0628	27
28	0.0948	0.1148	0.1198	0.1538	1.44	0.536	0.784	1.48	0.408	0.2958	0.0958	0.0618	28
29	0.0958		0.1188	0.1408	1.38	0.485A	0.776	1.32 E	0.386	0.2758	0.0908	0.0618	29
30	0.0968		0.1198	0.2208	1.46	0.504	0.334	1.18 E	0.379	0.2638	0.0888	0.0608	30
31	0.0978		0.1208		1.81		0.304	0.980E		0.2528		0.0608	31
TOTAL	2.915	2.896	3.484	3.885	53.330	41.856	15.570	33.981	17.889	11.661	4.206	2.215	TOTAL
MEAN	0.094	0.103	0.111	0.130	1.72	1.39	0.536	1.10	0.596	0.376	0.140	0.071	MEAN
MAX	0.110	0.114	0.120	0.220	2.82	3.01	0.759	2.11	0.825	0.444	0.240	0.087	MAX
MIN	0.087	0.088	0.104	0.118	0.250	0.485	0.304	0.180	0.379	0.252	0.088	0.060	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.533
MAXIMUM DAILY, 3.01 ON JUN 5
MINIMUM DAILY, 0.0608 ON DEC 30
MAXIMUM INSTANTANEOUS,
3.05 AT 05 51 YST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 50 N
LONG 135 58 42 W
DRAINAGE AREA, 194 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	252	JUL 1 430	
FEB	250	AUG 2 840	
MAR	298	SEP 1 540	
APR	338	OCT 1 010	
MAY 4 610		NOV 363	
JUN 3 600		DEC 191	

TOTAL DISCHARGE, 15 600 dam³

MESS RIVER ABOVE EMERALD CREEK - STATION NO 09DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 B	10.8 B	12.48	12.08	43.0B	500E	249	133	130	40.8E	41.0B	23.8B	1
2	11.1 B	10.7 B	12.5B	12.28	49.0B	560E	233	149	124	78.8A	38.9B	23.3B	2
3	10.9 B	10.6 B	12.48	12.48	52.0B	604E	215	154	139	82.6	37.0B	23.0B	3
4	10.6 B	10.5 B	12.48	12.6B	55.0B	585E	204	149	127	83.0	36.0B	22.3B	4
5	10.6 B	10.5 B	12.5B	12.78	63.0B	500E	203	136	124	81.1	34.5B	21.5B	5
6	10.4 B	10.5 B	12.6B	12.78	74.0B	430E	181	138	130	77.7	33.5B	20.5B	6
7	10.0 B	10.6 B	12.6B	12.5B	98.0B	378E	154	133	135	76.2	32.8B	19.0B	7
8	9.80B	10.7 B	13.78	12.5B	120 E	337A	142	127	118	71.8	32.0B	17.8B	8
9	9.60B	10.8 B	12.48	12.48	130 E	288	134	119	112	70.4	31.5B	17.0B	9
10	9.40B	10.9 B	12.3B	12.38	150 E	273	128	118	108	69.0	31.0B	16.6B	10
11	9.30B	11.0 B	12.78	12.38	175 E	328	128	133	101	64.0	30.7B	15.7B	11
12	9.60B	10.9 B	12.6B	12.48	190 E	387	155	143	96.7	63.5	30.5B	15.7B	12
13	9.70B	10.8 B	12.6B	12.48	210 E	361	149	136	97.1	62.0B	30.5B	15.6B	13
14	9.80B	10.4 B	12.7B	12.5B	240 E	321	146	122	99.8	61.0B	31.0B	15.5B	14
15	10.0 B	10.1 B	13.0B	13.0B	235 E	340	144	130	98.1	60.5B	31.5B	15.5B	15
16	10.2 B	9.95B	12.9B	13.0B	240 E	387	140	137	97.1	59.8B	31.0B	15.4B	16
17	10.3 B	9.85B	13.0B	13.4B	250 E	368	137	151	93.6	58.9B	31.0B	15.3B	17
18	10.4 B	9.90B	12.8B	13.0B	280 E	353	126	152	89.6	58.1B	31.0B	15.2B	18
19	10.4 B	10.0 B	12.8B	14.4B	300 E	358	121	146	85.1	56.0B	30.7B	15.1B	19
20	10.3 B	10.3 B	12.5B	14.9B	285 E	349	122	142	83.3	56.0B	30.4B	15.0B	20
21	10.1 B	10.6 B	12.4B	15.5B	275 E	355	118	134	84.0	55.5B	29.5B	15.8B	21
22	9.90B	11.2 B	12.2B	16.4B	262 E	384	116	132	82.0	55.0B	29.0B	15.5B	22
23	9.70B	11.6 B	12.0B	17.5B	250 E	402	116	142	84.6	53.0B	28.2B	15.5B	23
24	9.60B	12.1 B	11.9B	20.0B	243 E	358	117	185	87.7	52.5B	27.9B	15.4B	24
25	9.50B	12.2 B	11.4B	23.0B	230 E	353	116	181	88.6	52.0B	27.2B	15.4B	25
26	9.75B	12.1 B	11.7B	25.0B	240 E	355	111	188	90.6	51.0B	25.5B	15.4B	26
27	10.0 B	12.0 B	11.6B	26.5B	280 E	329	109	189	85.8A	50.5B	25.0B	15.3B	27
28	10.4 B	12.2 B	11.7B	32.5B	290 E	305	116	183	84.5E	50.0B	25.0B	15.2B	28
29	10.6 B		11.6B	36.5B	338 E	273	122	169	83.0E	49.0B	24.2B	15.1B	29
30	10.8 B		11.9B	39.0A	390 E	258	128	157	81.5E	47.0B	23.6B	15.2B	30
31	10.8 B		11.9B		450 E		135	152		43.0B		15.3B	31
TOTAL	314.85	304.20	384.2	510.4	8 484.0	11 312	4 510	4 405	3 089.4	1 928.0	923.7	536.0	TOTAL
MEAN	10.2	10.9	12.4	17.0	308	377	145	142	102	62.1	30.8	17.4	MEAN
MAX	11.1	12.2	13.0	39.0	450	604	248	191	130	83.0	41.0	23.8	MAX
MIN	9.30	9.85	11.4	12.0	43.0	258	109	118	81.5	43.0	23.6	15.1	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.0
MAXIMUM DAILY, 604E ON JUN 3
MINIMUM DAILY, 9.30B ON JAN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 19 50 N
LONG 131 30 00 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL 280 000	
FEB	26 300	AUG 261 000	
MAR	33 200	SEP 264 000	
APR	44 100	OCT 166 000	
MAY	556 000	NOV 79 800	
JUN	978 000	DEC 46 500	

TOTAL DISCHARGE, 2 990 000 dam³

HYLAND RIVER AT KILOMETRE 103 S NAHANNI RANGE ROAD - STATION NO 10AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 900	5 388	3 758	3 658	8 908	239	154	67 2	59 1	30 38	16 7 B	8 458	1
2	8 838	5 238	3 628	3 668	9 308	290	149	62 4	56 9	29 9A	16 4 B	8 408	2
3	8 788	5 228	3 558	3 698	9 808	218	138	60 4	57 9	29 2	16 3 B	8 358	3
4	8 708	5 338	3 488	3 708	10 3 B	195	124	77 2	55 8	28 5	16 0 B	8 208	4
5	8 608	5 358	3 418	3 738	11 4 B	.32	129	73 2	58 2	27 2	15 5 B	8 208	5
6	8 508	5 358	3 358	3 758	12 3 B	123	119	67 8	57 2	26 3A	15 0 B	8 108	6
7	8 308	5 358	3 328	3 808	14 2 B	127	97 7	62 3	55 4	26 28	14 0 B	7 958	7
8	7 908	5 228	3 318	3 908	16 0 B	123	87 1	56 3	52 6	25 58	13 8 B	7 808	8
9	7 608	5 208	3 308	4 008	18 5 B	116	83 1	55 4	49 3	24 08	13 7 B	7 408	9
10	7 258	5 238	3 358	4 038	21 0 B	117	80 0	56 1	48 5	23 08	13 6 B	7 208	10
11	7 008	5 258	3 408	4 208	19 1	143	79 1	58 5	44 1	23 08	13 4 B	7 108	11
12	6 908	5 238	3 418	4 358	21 1	167	76 5	57 5	42 2	23 08	13 3 B	7 108	12
13	6 908	5 208	3 458	4 408	19 1	194	78 7	58 0	41 4	23 08	13 1 B	7 108	13
14	6 958	5 008	3 458	4 508	18 7	195	78 0	71 5	42 9	22 88	13 0 B	7 008	14
15	6 908	4 808	3 438	4 708	22 8	171	73 8	74 5	41 9	22 08	13 0 B	6 958	15
16	6 858	4 608	3 428	4 858	29 6	186	72 1	74 7	40 7	21 88	13 0 B	6 908	16
17	6 958	4 408	3 408	5 008	33 7	177	71 9	72 2	38 7	21 78	12 9 B	6 808	17
18	6 958	4 308	3 408	5 108	37 4	175	72 3	74 1	38 7	21 28	12 7 B	6 908	18
19	6 908	4 308	3 408	5 308	37 8	189	76 3	72 6	35 0	20 78	12 5 B	6 858	19
20	6 808	4 308	3 358	5 458	40 5	190	76 7	72 9	34 0	20 28	11 8 B	6 808	20
21	6 788	4 308	3 308	5 608	45 4	194	72 3	69 7	33 7	20 18	11 7 B	6 758	21
22	6 708	4 308	3 308	5 808	43 3	205	82 4	70 6	34 4	20 08	11 5 B	6 728	22
23	6 508	4 258	3 318	6 008	39 0	208	84 2	73 0	38 1	19 98	11 5 B	6 708	23
24	6 208	4 208	3 388	6 308	40.6	205	82 3	80 1	36 5	19 68	11 2 B	6 658	24
25	5 958	4 188	3 418	6 608	44 2	212	73 8	83 5	36 1	19 78	10 9 B	6 608	25
26	5 908	4 158	3 428	6 858	46 7	211	70 1	77 3	34 2	19 68	10.5 B	6 608	26
27	5 858	4 058	3 418	7 108	48 4	206	69 2	80 3	32 3	19 38	10 1 B	6 608	27
28	5 808	3 908	3 438	7 508	52 8	188	75 7	78 2	31 0A	18 88	9 808	6 588	28
29	5 808		3 558	7 908	75 3	165	74 3	69 5	30 98	18 08	9 608	6 558	29
30	5 758		3 608	8 308	128	157	68 8	85 4	30 78	17 28	9 108	6 588	30
31	5 608		3 638		215		63 7	82 0		16 88		6 608	31
TOTAL	219 18	133 47	106.27	153 81	1 188 00	5 348	2 735 2	2 188 9	1 282 4	698 7	385 80	222 38	TOTAL
MEAN	7 07	4 77	3 43	5 13	38.3	178	88 2	70 5	42 7	22.5	12 9	7 17	MEAN
MAX	8 90	5.38	3 78	8 30	215	290	154	83 5	59 1	30 3	16 7	8 45	MAX
MIN	5 60	3 90	3.30	3 65	8 90	116	63 7	58 1	30 7	16 8	9 10	6 55	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40 2
MAXIMUM DAILY, 290 ON JUN 2
MINIMUM DAILY, 3 308 ON MAR 9
MAXIMUM INSTANTANEOUS,
300 AT 22:13 YST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 29 00 N
LONG 138 14 10 W
DRAINAGE AREA, 2 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 900	JUL	236 000
FEB	11 500	AUG	169 000
MAR	9 180	SEP	111 000
APR	13 300	OCT	80 400
MAY	103 000	NOV	33 300
JUN	482 000	DEC	19 200

TOTAL DISCHARGE, 1 270 000 dam³

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0808	0.0228	0.0158	0.0188	68 0	14.1	3 69	5.21	10.2	3.47 B	0.9308	0.2208	1
2	0.0548	0.0218	0.0158	0.0168	58.2	12.3	3.30	5.53	8.53	3.40 B	0.9008	0.2188	2
3	0.0578	0.0228	0.0148	0.0148	34.5	10.8	3.22	5.98	8.47	3.30 B	0.8288	0.2038	3
4	0.0538	0.0228	0.0158	0.0168	23.5	11.3	3.27	7.07	8.47	3.10 B	0.8008	0.1958	4
5	0.0488	0.0218	0.0158	0.0178	18.0	12.7	3.63	6.10	8.99	2.84 B	0.7388	0.1888	5
6	0.0488	0.0208	0.0158	0.0188	17.3	10.0	5.07	5.44	7.82	2.78 B	0.6708	0.1888	6
7	0.0478	0.0218	0.0148	0.0188	26.4	8.81	4.78	4.97	7.31	2.75 B	0.6358	0.1808	7
8	0.0488	0.0218	0.0148	0.0178	35.8	8.02	4.00	4.55	6.78	2.60 B	0.6088	0.1488	8
9	0.0408	0.0208	0.0148	0.0168	37.3	8.88	3.45	4.34	6.17	2.40 B	0.5858	0.1368	9
10	0.0378	0.0208	0.0158	0.0158	34.4	8.31	3.10	4.48	5 98	2.23 B	0.5758	0.1328	10
11	0.0368	0.0208	0.0148	0.0158	32.2	7.12	2.94	4.61	5.97	2.15 B	0.5588	0.1288	11
12	0.0368	0.0188	0.0148	0.0168	33.2	12.5	3.25	4.72	5.28	2.04 B	0.5208	0.1258	12
13	0.0368	0.0148	0.0148	0.0178	33 6	12.3	3.91	4.62	4.78	1.98 B	0.4908	0.1188	13
14	0.0358	0.0178	0.0158	0.0148	28.1	9.68	4.53	4.25	4.82	1.92 B	0.4688	0.1138	14
15	0.0348	0.0178	0.0158	0.0188	26.5	7.81	5.09	4.87	4.54	1.78 B	0.4558	0.1108	15
16	0.0348	0.0188	0.0158	0 0188	25.4	7.78	5.00	10.1	4.85	1.72 B	0.4488	0.1068	16
17	0.0348	0.0188	0.0168	0.0178	22.1	12.7	3.94	14.5	5.05	1.64 B	0.4358	0.1038	17
18	0.0348	0.0188	0.0188	0.0188	25.4	24.1	3.79	11.9	5.03	1.58 B	0.4258	0.1008	18
19	0.0338	0.0188	0.0158	0.0188	26.4	16.4	8.98	9.63	4.88	1.55 B	0.4058	0.0978	19
20	0.0338	0.0178	0.0158	0.0178	25.5	10.7	16.3	7.92	4.70	1.50 B	0.3858	0.0938	20
21	0.0328	0.0178	0.0158	0.0188	23.0	8.38	18.0	6.93	4.70	1.43 B	0.3708	0.0908	21
22	0.0318	0.0178	0.0158	0.0188	19.9	8.00	14.4	6.78	4.508	1.38 B	0.3508	0.0878	22
23	0.0288	0.0178	0.0158	0.0208	16.2	7.84	11.0	6.61	4.258	1.35 B	0.3328	0.0858	23
24	0.0278	0.0178	0.0148	0.1008	12.0	7.02	8.46	10.1	4.008	1.28 B	0.3108	0.0828	24
25	0.0268	0.0178	0.0148	0.3008	11.1	8.31	6.95	11.6	3.788	1.20 B	0.2988	0.0798	25
26	0.0268	0.0178	0.0148	1.20 B	12.0	9.83	5.81	10.6	3.708	1.12 B	0.2818	0.0778	26
27	0.0258	0.0168	0.0148	9.00 B	14.0	5.15	5.15	8.66	3.808	1.07 B	0.2708	0.0758	27
28	0.0258	0.0168	0.0158	84.9	14.9	5.01	4.70	10.8	3.558	1.02 B	0.2678	0.0738	28
29	0.0258		0.0158	71.1	15.5	4.26	4.46	15.6	3.508	1.00 B	0.2428	0.0718	29
30	0.0268		0.0168	70.6	15.9	3.80	5.20	13.4	3.508	0.9808	0.2308	0.0708	30
31	0.0238		0.0168		14.9		5.83	11.3		0.9508		0.0688	31
TOTAL	1.133	0.515	0.458	217.586	798.0	283.41	183.20	243 38	170.86	58.530	14.793	3.718	TOTAL
MEAN	0.037	0.018	0.015	7.25	25.7	9.45	5.91	7.85	5.69	1.92	0.493	0.120	MEAN
MAX	0.060	0.022	0.018	71.1	68.0	24.1	18.0	15.6	10.2	3.47	0.930	0.220	MAX
MIN	0.023	0.015	0.014	0.015	11.1	3.80	2.94	4.25	3.50	0.980	0.230	0.088	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.41
MAXIMUM DAILY, 71.1 ON APR 28
MINIMUM DAILY, 0.0148 ON MAR 3
MAXIMUM INSTANTANEOUS,
74.2 AT 02:00 YST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 16 N
LONG 139 37 45 W
DRAINAGE AREA, 2 220 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97.8	JUL	15 800
FEB	44.5	AUG	21 000
MAR	39.6	SEP	14 700
APR	18 800	OCT	5 140
MAY	68 900	NOV	1 260
JUN	24 800	DEC	331

TOTAL DISCHARGE, 171 000 dam³

KING CREEK AT KILOMETRE 20 9 MAHANNI RANGE ROAD - STATION NO 10AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.009B	0 B	0.002B	0.011B	0.042B	0.725A	0.128	0.104	0.094	0.089E	0.060B	0.030B	1
2	0.008B	0 B	0.002B	0.011B	0.044B	0.460E	0.123	0.114	0.093	0.088E	0.060B	0.030B	2
3	0.007B	0 B	0.002B	0.012B	0.050B	0.287A	0.117	0.113	0.105	0.092E	0.059B	0.030B	3
4	0.007B	0 B	0.003B	0.012B	0.056B	0.283	0.116	0.110	0.104	0.091E	0.056B	0.030B	4
5	0.007B	0 B	0.003B	0.013B	0.062B	0.289	0.120	0.108	0.105	0.090E	0.054B	0.030B	5
6	0.006B	0 B	0.003B	0.013B	0.068B	0.300	0.116	0.105	0.108	0.088E	0.054B	0.030B	6
7	0.006B	0 B	0.004B	0.014B	0.074B	0.310	0.108	0.104	0.113	0.086E	0.054B	0.027B	7
8	0.005B	0 E	0.004B	0.014B	0.073	0.292	0.107	0.104	0.107	0.085E	0.053B	0.027B	8
9	0.005B	0 B	0.004B	0.015B	0.081	0.335	0.105	0.103	0.103	0.084E	0.053B	0.025B	9
10	0.005B	0 B	0.005B	0.015B	0.123	0.335	0.100	0.105	0.102	0.082E	0.053B	0.023B	10
11	0.004B	0 B	0.005B	0.015B	0.138	0.350	0.098	0.103	0.100	0.081E	0.052B	0.023B	11
12	0.003B	0 B	0.005B	0.016B	0.129	0.308	0.097	0.100A	0.100	0.080E	0.052B	0.023B	12
13	0.003B	0 B	0.006B	0.016B	0.110	0.274	0.093	0.091E	0.110	0.079E	0.052B	0.023B	13
14	0.002B	0 B	0.006B	0.017B	0.106	0.249	0.089	0.083A	0.108	0.077B	0.052B	0.023B	14
15	0.001B	0 B	0.006B	0.017B	0.126	0.257	0.088	0.100E	0.109	0.076B	0.052B	0.023B	15
16	0 B	0 B	0.006B	0.018B	0.149	0.277	0.084	0.102E	0.106	0.075B	0.052B	0.022B	16
17	0 B	0 B	0.006B	0.019B	0.154	0.233	0.082	0.104E	0.103	0.073B	0.051B	0.021B	17
18	0 B	0 B	0.006B	0.020B	0.130	0.227	0.086	0.108E	0.097	0.073B	0.050B	0.020B	18
19	0 B	0 B	0.007B	0.020B	0.105	0.229	0.098	0.114E	0.084	0.074B	0.049B	0.020B	19
20	0 B	0 B	0.007B	0.021B	0.124	0.209	0.100	0.119E	0.099	0.079B	0.048B	0.019B	20
21	0 B	0 B	0.007B	0.023B	0.137	0.196	0.097	0.110E	0.105	0.076B	0.046B	0.018B	21
22	0 B	0 B	0.007B	0.024B	0.137	0.190	0.104	0.092E	0.102	0.074B	0.043B	0.018B	22
23	0 B	0 B	0.007B	0.025B	0.136	0.183	0.088	0.095E	0.099	0.074B	0.041B	0.018B	23
24	0 B	0 B	0.008B	0.026B	0.127	0.175	0.085	0.100E	0.102	0.073B	0.040B	0.018B	24
25	0 B	0 B	0.008B	0.028B	0.139	0.172	0.091	0.104E	0.099	0.073B	0.038B	0.018B	25
26	0 B	0 0018	0.008B	0.030B	0.133	0.165	0.089	0.103E	0.097	0.072B	0.038B	0.017B	26
27	0 B	0 0018	0.008B	0.032B	0.120	0.153	0.090	0.102E	0.098A	0.070B	0.034B	0.017B	27
28	0 B	0 0018	0.009B	0.034B	0.184	0.146	0.092	0.101E	0.094E	0.068B	0.033B	0.016B	28
29	0 B		0.009B	0.015B	0.521	0.137	0.088	0.100A	0.092E	0.064B	0.032B	0.016B	29
30	0 B		0.010B	0.036B	0.787	0.134	0.087	0.096	0.090E	0.062B	0.030B	0.016B	30
31	0 B		0.010B		1.03		0.083	0.095		0.061B		0.016B	31
TOTAL	0.078	0.003	0.183	0.805	5.407	7.881	3.089	3.192	3.041	2.407	1.439	0.688	TOTAL
MEAN	0.003	0	0.006	0.020	0.174	0.263	0.100	0.103	0.101	0.078	0.046	0.022	MEAN
MAX	0.009	0.001	0.010	0.036	1.03	0.725	0.128	0.119	0.113	0.092	0.060	0.030	MAX
MIN	0	0	0.002	0.011	0.042	0.134	0.082	0.083	0.090	0.061	0.030	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 1.03 ON MAY 31
MINIMUM DAILY, 0B ON JAN 18
MAXIMUM INSTANTANEOUS,
1.20 AT 21:50 YST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 55 50 N
LONG 128 55 40 W
DRAINAGE AREA, 13.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6.74	JUL	267
FEB	0.26	AUG	276
MAR	15.8	SEP	263
APR	52.3	OCT	208
MAY	467	NOV	124
JUN	681	DEC	59.4

TOTAL DISCHARGE, 2 420 dam³

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4 B	10.0 B	10.1 B	10.3B	41.2B	446	105	84.1	91.7	54.6	28.6B	22.7B	1
2	11.3 B	9.90B	9.80B	10.3B	45.6B	468	98.6	82.8	88.6	51.6	26.5B	22.6B	2
3	11.0 B	9.85B	9.70B	10.1B	51.5B	387	93.1	81.1	87.5	85.3	26.5B	22.5B	3
4	10.5 B	10.0 B	9.90B	10.2B	57.2B	285	90.1	79.8	86.2	84.2	26.0B	22.0B	4
5	10.2 B	10.4 B	9.80B	10.4B	63.5B	213	98.1	58.9	82.5	58.8	27.4B	21.4B	5
6	10.0 B	10.3 B	9.40B	10.4B	70.5B	182	95.3	57.5	78.5	57.0	26.8B	20.2B	6
7	10.0 B	10.6 B	9.40B	10.3B	81.0B	165	63.9	56.3	74.4	82.4	25.8B	19.3B	7
8	10.1 B	10.7 B	9.42B	10.2B	90.5B	144	76.1	55.7	71.2	48.3	25.8B	18.4B	8
9	10.0 B	10.6 B	9.42B	10.1B	99.2B	123	71.0	54.2	68.4	43.0	24.0B	17.8B	9
10	9.70B	10.5 B	9.31B	10.0B	103 B	108	68.6	55.0	65.8	39.5	24.3B	17.3B	10
11	9.74B	10.4 B	9.72B	10.0B	105 B	101	68.7	86.1	62.9	41.2	25.8B	16.7B	11
12	9.88B	10.3 B	9.58B	10.2B	107	117	71.2	78.2	60.1	44.3	26.0B	16.0B	12
13	9.90B	10.2 B	9.42B	10.2B	109	149	88.3	71.6	57.9	44.2	26.3B	15.4B	13
14	9.80B	10.1 B	9.56B	10.2B	108	142	88.4	67.3	56.3	42.2	26.5B	15.3B	14
15	9.66B	10.0 B	9.64B	10.1B	118	137	85.9	68.2	54.9	40.8	26.6B	15.4B	15
16	9.70B	9.95B	9.84B	10.2B	126	152	82.4	74.8	53.7	38.5B	26.2B	15.7B	16
17	9.80B	9.90B	10.2 B	10.2B	115	236	59.2	76.7	52.0	36.8B	25.8B	15.8B	17
18	10.0 B	9.85B	10.4 B	10.3B	104	188	58.7	72.8	49.9	35.1B	25.3B	15.8B	18
19	10.2 B	10.4 B	10.3 B	10.3B	96.0	172	64.2	68.8	48.3	33.6B	24.7B	15.1B	19
20	10.4 B	10.5 B	9.78B	10.4B	89.4	157	77.5	65.4	47.8	32.0B	24.3B	14.2B	20
21	10.3 B	10.7 B	9.78B	11.3B	103	180	108	62.7	47.7	31.2B	23.8B	14.1B	21
22	10.2 B	10.9 B	10.0 B	12.0B	88.6	233	116	61.1	51.6	30.0B	23.7B	14.0B	22
23	9.80B	10.9 B	10.2 B	13.4B	71.3	209	104	64.9	60.7	29.4B	23.6B	14.0B	23
24	9.60B	10.8 B	10.1 B	15.6B	64.4	180	94.1	83.4	65.1	29.6B	23.4B	13.9B	24
25	9.60B	10.6 B	9.80B	17.9B	82.5	157	85.3	104	68.2	30.2B	23.2B	13.8B	25
26	9.70B	10.5 B	9.40B	21.0B	110	142	77.9	110	59.8	29.0B	23.1B	13.5B	26
27	9.80B	10.4 B	9.32B	24.2B	122	135	72.7	105	48.2	29.0B	23.0B	13.0B	27
28	10.4 B	10.3 B	9.40B	27.5B	136	131	70.0	111	43.1	29.5B	22.9B	12.5B	28
29	10.5 B		9.60B	32.1B	169	128	66.5	113	44.2	30.1B	22.8B	12.0B	29
30	10.4 B		10.0 B	36.0B	228	117	67.3	105	46.9	29.4B	22.8B	11.4B	30
31	10.3 B		10.1 B		329		66.0	98.4		28.5B		11.2B	31
TOTAL	313.9B	289.5B	302.4B	415.7	3 295.6	5 704	2 478.1	2 311.9	1 874.1	1 259.9	761.4	503.0	TOTAL
MEAN	10.1	10.3	9.75	13.9	106	190	80.0	74.6	62.5	40.6	25.4	16.2	MEAN
MAX	11.4	10.9	10.4	36.0	329	468	116	113	91.7	86.3	28.6	22.7	MAX
MIN	9.60	9.85	8.31	10.0	41.2	101	58.7	54.2	43.1	28.5	22.8	11.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.5
MAXIMUM DAILY, 468 ON JUN 2
MINIMUM DAILY, 9.31B ON MAR 10
MAXIMUM INSTANTANEOUS,
491 AT 21:45 YST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 02 34 N
LONG 139 24 28 W
DRAINAGE AREA, 7 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 100	JUL	214 000
FEB	25 000	AUG	200 000
MAR	26 100	SEP	182 000
APR	35 900	OCT	109 000
MAY	285 000	NOV	65 800
JUN	493 000	DEC	43 500

TOTAL DISCHARGE, 1 690 000 dam³

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 09CA001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.298E	2.221	2.169	2.111E	2.087	2.319E	3.144	3.974	---	3.026E	2.565	2.400	1
2	2.292E	2.219	2.163	2.116E	2.087	2.349E	3.167	3.989	---	3.004E	2.560	2.400A	2
3	2.287E	2.218	2.161	2.118E	2.072	2.381E	3.209	4.003	---	2.983E	2.568	2.397E	3
4	2.285E	2.206	2.147	2.115E	2.071	2.410E	3.246	4.003	---	2.985E	2.567	2.394E	4
5	2.280E	2.211	2.150	2.110E	2.088	2.440E	3.300	4.006	---	2.943E	2.563	2.391E	5
6	2.282E	2.211	2.152	2.102E	2.089	2.509E	3.363	4.018	---	2.920E	2.555A	2.389A	6
7	2.280E	2.206	2.151	2.098E	2.073	2.538E	3.404	4.009	---	2.898E	2.552E	2.397	7
8	2.278E	2.206	2.158	2.093E	2.079	2.550E	3.433	3.995	---	2.873E	2.549E	2.398	8
9	2.276E	2.210	2.159E	2.091E	2.082	2.565E	3.462	4.008	---	2.858E	2.548E	2.400	9
10	2.277E	2.212	2.160E	2.089E	2.083	2.579E	3.492	4.043A	---	2.842E	2.544A	2.396	10
11	2.278E	2.207	2.160E	2.081E	2.083	2.584E	3.519	4.070	---	2.831E	2.536E	2.389	11
12	2.276E	2.196	2.158E	2.070A	2.084	2.600E	3.526	4.089	3.474A	2.816E	2.500A	2.389	12
13	2.273E	2.194	2.155E	2.068	2.083	2.611E	3.540	---	3.445E	2.801E	2.489E	2.387	13
14	2.270E	2.196	2.157E	2.067	2.090	2.630E	3.561	---	3.432E	2.788E	2.480A	2.388	14
15	2.265E	2.194	2.158E	2.059	2.095	2.648E	3.581	---	3.410E	2.785E	2.473E	2.385	15
16	2.258E	2.186	2.159E	2.048	2.094	2.668E	3.602	---	3.398E	2.757E	2.461E	2.382	16
17	2.250E	2.181	2.154E	2.047	2.142E	2.685E	3.633	---	3.381E	2.752E	2.452E	2.380	17
18	2.245E	2.180	2.150E	2.049	2.216E	2.709E	3.659	---	3.358E	2.748A	2.446E	2.380	18
19	2.241E	2.177	2.143E	2.049	2.221	2.733E	3.691	---	3.341E	2.735E	2.439E	2.381E	19
20	2.240E	2.176	2.137E	2.048	2.231	2.759E	3.711	---	3.329E	2.709E	2.432E	2.381E	20
21	2.240E	2.175	2.132E	2.048	2.238	2.765E	3.741	---	3.292E	2.691E	2.427A	2.382E	21
22	2.238E	2.175	2.130E	2.053	2.240	2.775E	3.759	---	3.274E	2.662E	2.430	2.383E	22
23	2.238E	2.181	2.122E	2.047	2.247	2.780E	3.791	---	3.243E	2.668E	2.428E	2.383E	23
24	2.238A	2.178	2.113E	2.044	2.245	2.788E	3.806	---	3.221E	2.654A	2.423E	2.383E	24
25	2.238E	2.178	2.110E	2.042	2.255	2.791E	3.816	---	3.190E	2.663	2.418E	2.384E	25
26	2.237E	2.173	2.108E	2.039	2.258	2.795E	3.834	---	3.172E	2.657	2.413E	2.383E	26
27	2.236E	2.169	2.105E	2.040	2.252A	2.809	3.853	---	3.145E	2.615	2.408E	2.384E	27
28	2.235E	2.170	2.106E	2.044	2.254E	3.041	3.872	---	3.118E	2.595	2.405A	2.383E	28
29	2.234A		2.105E	2.045	2.265E	3.078	3.890	---	3.091E	2.592	2.401A	2.384E	29
30	2.222		2.107E	2.081	2.284E	3.102	3.908	---	2.052E	2.585	2.400A	2.384E	30
31	2.221		2.110E		2.305E		3.943	---		2.580		2.385E	31
MEAN	2.258	2.193	2.140	2.070	2.159	2.573	3.596	---	---	2.774	2.481	2.388	MEAN
MAX	2.298	2.221	2.169	2.118	2.305	3.102	3.943	---	---	3.025	2.568	2.400	MAX
MIN	2.221	2.169	2.105	2.039	2.087	2.319	3.144	---	---	2.580	2.400	2.380	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 2.039 ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 03 16 N
LONG 138 39 12 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 777.304 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1943 ADJ.)

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8B	12.1B	12.5B	14.9B	20.2B	38.8	145E	276	232	117	47.5B	33.1B	1
2	14.6B	12.0B	12.4B	15.1B	20.4B	37.3	150E	273	221	112	47.6B	32.5B	2
3	14.2B	12.1B	12.3B	15.3B	20.6E	44.5	155E	273	222	103	47.0B	32.2B	3
4	14.0B	12.2B	12.2B	15.5B	20.7E	42.6	159E	262	215	104	46.0B	32.0B	4
5	13.9B	12.3B	12.3B	16.0B	20.8E	45.2	163E	255	213	105	46.0B	31.8B	5
6	13.4B	12.3B	12.4B	16.4B	20.7E	51.2	165E	252	208	101	46.3B	30.6B	6
7	13.2B	12.1B	12.6B	16.5B	20.8E	56.7	168A	255	208	93.2	46.5B	29.6B	7
8	13.0B	12.0B	12.7B	16.9B	20.9E	56.4	182	255	205	92.4	46.5B	28.3B	8
9	12.6B	11.6B	13.0B	17.0B	21.0E	57.1	185	253	200	90.3B	46.3B	27.5B	9
10	12.9B	11.5B	13.1B	17.2B	21.0E	52.6	185	278	193	88.5B	46.0B	26.5B	10
11	12.8B	11.5B	13.1B	17.5B	21.2E	55.6	190	280	189	88.4B	45.0B	26.0B	11
12	13.0B	11.5B	13.1B	17.7B	21.1E	60.9	192	286	183	85.3B	44.0B	25.0B	12
13	13.1B	11.6B	13.1B	17.8B	21.2A	65.6	191	293	182	83.9	43.0B	25.8B	13
14	13.2B	11.7B	13.0B	18.2B	20.5	65.5	190	294	181	82.3	42.4B	25.6B	14
15	13.3B	11.8B	13.0B	18.5B	21.4	72.0	198	288	186	81.1	41.7B	25.3B	15
16	13.4B	11.9B	13.0B	19.0B	22.4	65.6	199	285	180	77.9	40.4B	25.0B	16
17	13.4B	12.0B	13.0B	19.5B	22.5	65.2	201	285	181	76.2	39.6B	24.6B	17
18	13.3B	12.2B	13.1B	19.6B	22.9	66.7	208	282	159	72.4	39.4B	24.0B	18
19	13.0B	12.4B	13.3B	19.8B	22.8	73.0	212	282	181	71.9B	39.2B	23.7B	19
20	12.6B	12.6B	13.5B	19.9B	23.1	76.0E	219	287	163	67.0B	39.5B	23.5B	20
21	12.4B	12.5B	13.7B	20.1B	23.3	80.0E	222	286	182	64.0B	39.5B	23.0B	21
22	12.3B	12.6B	14.2B	20.3B	23.6	86.0E	241	282	151	60.0B	39.4B	22.6B	22
23	12.2B	12.7B	14.5B	20.5B	23.9	97.0E	244	278	135	57.0B	39.3B	21.3B	23
24	12.2B	12.7B	14.7B	20.4B	24.7	110 E	243	275	124	54.0B	39.0B	20.8B	24
25	12.1B	12.6B	14.9B	20.3B	24.3	114 A	243	280	123	52.0B	38.0B	20.4B	25
26	12.2B	12.7B	15.0B	20.2B	25.8	120 E	245	270	123	50.0B	37.0B	20.2B	26
27	12.4B	12.7B	15.0B	20.1B	29.1	125 E	246	251	126	48.5B	36.0B	20.1B	27
28	12.5B	12.6B	15.1B	20.1B	27.0	129 E	253	247	124	48.0B	34.5B	20.0B	28
29	12.4B		15.0B	20.1B	27.8	134 E	253	244	125	48.0B	33.5B	19.8B	29
30	12.3B		14.9B	20.1B	29.1	140 E	252	239	124	47.5B	33.4B	19.5B	30
31	12.2B		14.8B		30.0		258	234		47.5B		19.3B	31
TOTAL	402.7	340.4	416.5	550.6	724.1	2 287.3	6 377	8 849	5 142	2 389.3	1 249.5	780.0	TOTAL
MEAN	13.0	12.2	13.5	18.4	23.4	76.2	208	276	171	76.4	41.7	25.2	MEAN
MAX	14.8	12.7	15.1	20.5	30.0	140	258	294	232	117	47.5	33.1	MAX
MIN	12.1	11.5	12.2	14.9	20.2	38.8	145	234	123	47.5	33.4	19.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.0
MAXIMUM DAILY, 294 ON AUG 14
MINIMUM DAILY, 11.5B ON FEB 10
MAXIMUM INSTANTANEOUS,
298 AT 12:0B YST ON AUG 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 37 N
LONG 139 02 56 W
DRAINAGE AREA, 4 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 800	JUL	551 000
FEB	29 400	AUG	739 000
MAR	36 200	SEP	444 000
APR	47 600	OCT	206 000
MAY	62 600	NOV	108 000
JUN	198 000	DEC	67 400

TOTAL DISCHARGE, 2 530 000 dam³

YUKON TERRITORY

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.901	0.774	0.711	0.647	0.680	1.201	2.611	2.448	2.037	1.583	1.192	0.929	1
2	0.892	0.775	0.708	0.641	0.672	1.311	2.627	2.430	2.018	1.562	1.181	0.927	2
3	0.890	0.775	0.705	0.642	0.683	1.434	2.648	2.422	2.020	1.536	1.177	0.928	3
4	0.884	0.773	0.702	0.646	0.691	1.518	2.656	2.429	2.015	1.516	1.174	0.921	4
5	0.874	0.788	0.700	0.647	0.697	1.584	2.663	2.425	1.989	1.518	1.164	0.907	5
6	0.864	0.785	0.698	0.638	0.707	1.643	2.702	2.409	1.985	1.523	1.150	0.904	6
7	0.863	0.786	0.698	0.634	0.716	1.689	2.726	2.402	1.981	1.476	1.137	0.878	7
8	0.861	0.784	0.695	0.634	0.726	1.737	2.751	2.385	1.987	1.481	1.116	0.868	8
9	0.851	0.788	0.687	0.635	0.738	1.786	2.740	2.381	1.969	1.467	1.089	0.854	9
10	0.815	0.780	0.691	0.634	0.747	1.827	2.718	2.353	1.949	1.473	1.076	0.853	10
11	0.784	0.748	0.693	0.632	0.762	1.875	2.685	2.345	1.930	1.483	1.045	0.850	11
12	0.795	0.748	0.681	0.630	0.771	1.904	2.664	2.340	1.918	1.484	1.057	0.847	12
13	0.798	0.745	0.680	0.632	0.784	1.939	2.631	2.332	1.907	1.435	1.052	0.841	13
14	0.788	0.742	0.685	0.630	0.796	1.965	2.591	2.320	1.878	1.424	1.050	0.843	14
15	0.798	0.735	0.684	0.630	0.815	1.971	2.561	2.307	1.838	1.408	1.044	0.840E	15
16	0.802	0.730	0.676	0.628	0.827	1.982	2.530	2.277	1.810	1.393	1.037	0.833	16
17	0.807	0.728	0.672	0.627	0.844	2.017	2.516	2.255	1.781	1.379	1.023	0.824	17
18	0.821	0.724	0.673	0.622	0.852	2.046	2.493	2.210	1.776	1.355	1.020	0.813	18
19	0.826	0.720	0.674	0.620	0.862	2.087	2.484	2.204	1.764	1.346	1.012	0.808	19
20	0.823	0.718	0.670	0.618	0.883	2.151	2.476	2.202	1.761	1.343	0.998	0.811	20
21	0.811	0.723	0.668	0.617	0.893	2.215	2.460	2.188	1.744	1.321	0.985	0.805	21
22	0.802	0.721	0.667	0.617	0.902	2.288	2.478	2.183	1.727	1.325	0.989	0.797	22
23	0.792	0.718	0.664	0.618	0.908	2.310	2.470	2.129	1.702	1.313	0.976	0.790	23
24	0.775	0.722	0.659	0.617	0.918	2.348	2.468	2.125	1.683	1.278	0.969	0.761	24
25	0.782	0.718	0.657	0.617	0.932	2.392	2.481	2.100	1.620	1.276	0.968	0.771	25
26	0.780	0.718	0.654	0.623	0.935	2.444	2.468	2.068	1.614	1.282	0.960	0.768	26
27	0.780	0.717	0.650	0.629	0.938	2.498	2.436	2.070	1.614	1.255	0.954	0.766	27
28	0.781	0.714	0.647	0.637	0.951	2.543	2.451	2.068	1.599	1.252	0.949	0.758	28
29	0.782		0.647	0.643	0.986	2.574	2.452	2.051	1.599	1.238	0.943	0.753	29
30	0.777		0.647	0.650	0.988	2.593	2.461	2.061	1.603	1.229	0.936	0.748	30
31	0.778		0.647		1.085		2.452	2.043		1.218		0.742	31
MEAN	0.819	0.741	0.676	0.631	0.826	1.984	2.586	2.257	1.828	1.391	1.049	0.831	MEAN
MAX	0.901	0.778	0.711	0.650	1.085	2.593	2.751	2.448	2.037	1.583	1.192	0.929	MAX
MIN	0.778	0.714	0.647	0.617	0.660	1.201	2.436	2.043	1.599	1.218	0.936	0.742	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.305
MAXIMUM DAILY, 2.751 ON JUL 8
MINIMUM DAILY, 0.617 ON APR 21
MAXIMUM INSTANTANEOUS,
2.788 AT 18:07 YST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 35 16 N
LONG 136 08 38 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE LABERGE NEAR WHITEHORSE - STATION NO. 09AB010

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.231	8.238	8.348	8.306	8.125	8.343	7.487	8.138	8.083	7.248	8.688	8.338	1
2	8.234	8.239	8.352	8.291	8.126	8.388	7.550	8.133	8.070	7.209	8.659	8.345	2
3	8.238	8.238	8.354	8.276	8.134	8.418	7.604	8.141	8.082	7.178	8.652	8.340	3
4	8.234	8.238	8.362	8.257	8.136	8.482	7.656	8.147	8.064	7.137	8.648	8.343	4
5	8.230	8.240	8.370	8.240	8.143	8.503	7.706	8.142	8.084	7.108	8.636	8.331	5
6	8.228A	8.239	8.378	8.225	8.148	8.538	7.755	8.144	8.082	7.077	8.624	8.321	6
7	8.225	8.242	8.381	8.214	8.146	8.578	7.807	8.150	8.082	7.048	8.607	8.308	7
8	8.226	8.241	8.388	8.200	8.141	8.613	7.858	8.150	8.039	7.023	8.594	8.301	8
9	8.220A	8.244	8.398	8.181	8.141	8.648	7.884	8.149	8.028	8.986	8.571	8.287	9
10	8.222E	8.248	8.403	8.178	8.138	8.686	7.920	8.155	8.023	8.988	8.547	8.297	10
11	8.224E	8.247	8.406	8.171	8.139	8.724	7.952	8.150	8.011	8.935	8.525	8.292	11
12	8.225E	8.257	8.403	8.162	8.142	8.762	7.981	8.152	8.003	8.910	8.504	8.285	12
13	8.226E	8.270	8.403	8.151	8.144	8.787	8.005	8.153	7.983	8.901	8.484	8.278	13
14	8.228E	8.283	8.406	8.144	8.145	8.831	8.033	8.152	7.964	8.884	8.470	8.267	14
15	8.230E	8.287	8.412	8.140	8.142	8.888	8.053	8.157	7.951	8.868	8.458	4.258	15
16	8.231E	8.288	8.414	8.132	8.152	8.898	8.063	8.171	7.935	8.852	8.481	8.244	16
17	8.232E	8.283	8.421	8.125	8.178	8.836	8.068	8.172	7.906	8.833	8.483	8.235	17
18	8.233E	8.300	8.428	8.124	8.195	8.870	8.074	8.178	7.888	8.818	8.458	8.233	18
19	8.234E	8.303	8.428	8.117	8.218	7.001	8.078	8.177	7.827	8.811	8.450	8.227	18
20	8.236E	8.308	8.428	8.113	8.234	7.038	8.084	8.187	7.785	8.801	8.447	8.216	20
21	8.238E	8.312	8.431	8.108	8.248	7.088	8.087	8.184	7.738	8.780	8.442	8.212	21
22	8.237E	8.314	8.428	8.102	8.257	7.108	8.088	8.188	7.688	8.780	8.435	8.212	22
23	8.238E	8.317	8.426	8.098	8.268	7.150	8.081	8.148	7.643	8.768	8.418	8.216	23
24	8.239E	8.329	8.418	8.092	8.274	7.188	8.102	8.138	7.593	8.763	8.418A	8.223	24
25	8.240E	8.327	8.410	8.091	8.276	7.227	8.108	8.128	7.540	8.744	8.412	8.236	25
26	8.240E	8.330	8.398	8.093	8.288	7.268	8.108	8.128	7.478	8.730	8.404A	8.248	26
27	8.241E	8.335	8.378	8.098	8.286	7.308	8.118	8.130	7.426	8.718	8.383	8.258	27
28	8.242E	8.342	8.358	8.105	8.295	7.348	8.121	8.117	7.387	8.707	8.371	8.266	28
29	8.242E		8.348	8.111	8.304	7.388	8.117	8.110	7.328	8.699	8.358	8.278A	29
30	8.243E		8.335	8.114	8.310	7.438	8.118	8.102	7.284	8.692	8.348	8.308E	30
31	8.243A		8.328		8.320		8.127	8.088		8.677		8.338E	31
MEAN	8.233	8.280	8.391	8.159	8.200	8.883	7.982	8.148	7.828	8.692	8.487	8.278	MEAN
MAX	8.243	8.342	8.431	8.306	8.320	7.428	8.127	8.177	8.083	7.248	8.688	8.348	MAX
MIN	8.220	8.238	8.328	8.091	8.125	8.343	7.487	8.088	7.284	8.677	8.348	8.212	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 8.816
MAXIMUM DAILY, 8.177 ON AUG 19
MINIMUM DAILY, 8.091 ON APR 25
MAXIMUM INSTANTANEOUS,
8.184 AT 11:28 YST ON AUG 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 26 N
LONG 135 11 57 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.9B	56.5B	55.0B	57.5B	1600	1 380	749	418E	382	324	1740	108 B	1
2	83.9B	56.0B	55.0B	56.0B	3600	1 640	730	415E	376	326	1700	104 B	2
3	83.4B	55.0B	55.5B	58.3B	3400	1 710	713	412E	371	329	1680	102 B	3
4	82.6B	54.5B	56.0B	59.2B	3000	1 570	692	415E	380	329	1620	102 B	4
5	81.8B	54.0B	56.5B	60.5B	3080	1 430	682	412E	388	330	1580	102 B	5
6	80.7B	54.0B	58.0B	60.5B	3000	1 360	679	400E	401	327	1560	101 B	6
7	79.0B	53.5B	58.5B	60.3B	2700	1 280	685	375E	416	315	1520	99.0B	7
8	77.5B	53.0B	59.5B	60.0B	2600	1 280	680	350E	428	307	1480	98.0B	8
9	76.5B	53.0B	60.3B	59.8B	2700	1 210	664	335E	431	301	1460	96.0B	9
10	75.0B	53.0B	60.5B	58.5B	3000	1 140	608	320E	427	274	1440	94.0B	10
11	73.0B	53.0B	60.2B	58.5B	3200	1 110	578	298A	420	287	1420	92.0B	11
12	72.0B	52.8B	60.0B	58.0B	3358	1 130	549	296	411	278	1410	91.0B	12
13	72.0B	52.8B	59.3B	60.0B	3440	1 100	521	295	405	281	1410	90.5B	13
14	71.0B	52.0B	59.3B	60.5B	355	1 040	501	294	407	276	1400	90.0B	14
15	71.0B	52.4B	59.8B	61.0B	361	1 000	488	298	411	267	1380	89.5B	15
16	71.0B	52.8B	60.0B	61.0B	385	995	475	300	408	250	1370	88.0B	16
17	70.0B	53.0B	60.1B	60.5B	446	1 020	480E	311	407	250	1388	88.0B	17
18	69.5B	53.2B	60.2B	60.0B	502	991	440E	322	400	243	1358	84.0B	18
19	68.5B	53.5B	60.1B	59.5B	503	976	430E	334	392	242	1348	83.0B	19
20	76.0B	54.0B	59.6B	58.8B	475	887	410E	351	383	241	1328	81.0B	20
21	85.0B	54.0B	59.4B	59.0B	474	975	400E	367	374	237	1278	78.0B	21
22	84.0B	54.2B	58.0B	59.5B	513	954	420E	371	374	233	1240	76.0B	22
23	82.8B	54.7B	58.0B	60.0B	532	935	440E	370	376	225	1250	76.0B	23
24	82.0B	55.5B	57.5B	61.5B	535	908	435E	372	374	214	1228	77.0B	24
25	81.7B	56.0B	57.5B	64.0B	540	885	420E	380	372	210	1228	76.0B	25
26	80.2B	56.7B	57.0B	68.0B	532	874	425E	388	372	210	1198	75.5B	26
27	80.0B	55.2B	57.0B	74.0B	527	858	420E	381	388	200	1188	74.0B	27
28	59.0B	55.0B	57.0B	82.0B	508	831	425E	400	356	187	1158	72.0B	28
29	58.0B		57.0B	100 B	535	808	435E	405	330	1838	1128	70.0B	29
30	57.5B		57.0B	125 B	698	775	428E	401	321	1808	1098	69.5B	30
31	57.0B		57.0B		980		420E	392		1778		69.5B	31
TOTAL	2 176.5	1 512.1	1 808.1	1 944.5	13 273	33 122	16 403	11 185	11 661	8 022	4 143	2 701.5	TOTAL
MEAN	70.2	54.0	58.3	64.8	428	1 100	529	361	389	259	138	87.1	MEAN
MAX	83.9	56.5	60.5	125	980	1 710	749	418	431	330	174	108	MAX
MIN	57.0	52.0	55.0	57.5	160	775	400	294	321	177	109	69.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 296
MAXIMUM DAILY, 1 710 ON JUN 3
MINIMUM DAILY, 53.0B ON FEB 14
MAXIMUM INSTANTANEOUS,
1 720 AT 10:50 YST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 00 N
LONG 128 54 00 W
DRAINAGE AREA, 33 400 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188 000	JUL	1 420 000
FEB	131 000	AUG	966 000
MAR	156 000	SEP	1 010 000
APR	168 000	OCT	693 000
MAY	1 150 000	NOV	358 000
JUN	2 860 000	DEC	233 000

TOTAL DISCHARGE, 9 230 000 dam³

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17B	1.04B	1.03B	1.10B	2.42B	106	9.40	6.72	10.6	4.80B	2.98B	2.04B	1
2	1.15B	1.03B	1.02B	1.09B	2.89B	45.7	9.10	8.25	10.4	4.48B	2.95B	1.99B	2
3	1.13B	1.04B	1.03B	1.10B	3.34B	34.1	9.18	9.73	11.3	4.20B	2.84B	1.92B	3
4	1.10B	1.05B	1.04B	1.11B	4.02B	23.8	12.0	9.81	12.1	3.85B	2.89B	1.85B	4
5	1.09B	1.08B	1.05B	1.14B	4.63B	18.9	11.1	9.40	11.2	4.00B	2.75B	1.78B	5
6	1.09B	1.08B	1.04B	1.18B	5.28B	17.4	10.2	9.31	10.5	3.92B	2.65B	1.70B	6
7	1.11B	1.06B	1.03B	1.15B	6.40	15.8	9.22	10.2	9.78	3.78B	2.63B	1.67B	7
8	1.11B	1.07B	1.03B	1.14B	8.43	13.4	9.11	9.67	9.32	3.49B	2.64B	1.60B	8
9	1.10B	1.05B	1.03B	1.14B	11.2	11.4	9.01	9.27	9.30	3.51B	2.66B	1.56B	9
10	1.08B	1.04B	1.03B	1.15B	13.1	10.6	8.77	10.3	8.81	3.72B	2.88B	1.52B	10
11	1.09B	1.03B	1.03B	1.17B	15.6	12.6	9.09	17.9	8.25	3.62B	2.74B	1.50B	11
12	1.12B	1.03B	1.03B	1.17B	17.5	27.3	10.0	15.1	8.63	3.60B	2.74B	1.49B	12
13	1.13B	1.02B	1.02B	1.18B	17.7	21.3	9.86	12.5	8.06	3.52B	2.74B	1.48B	13
14	1.12B	1.03B	1.01B	1.17B	20.3	16.5	9.27	11.2	7.99	3.61B	2.74B	1.48B	14
15	1.10B	1.03B	1.02B	1.22B	32.5	14.7	8.84	11.3	7.83	3.50B	2.73B	1.49B	15
16	1.07B	1.04B	1.04B	1.27B	27.2	13.8	8.35	11.7	7.55	3.40B	2.71A	1.47B	15
17	1.06B	1.05B	1.06B	1.28B	20.6	13.3	8.03	11.9	7.68	3.32B	2.67B	1.42B	17
18	1.08B	1.06B	1.06B	1.28B	16.1	12.7	7.81	11.0	8.80	3.28B	2.58B	1.38B	18
19	1.07B	1.07B	1.05B	1.30B	15.0	12.2	8.81	10.3	8.44	3.28B	2.51B	1.35B	19
20	1.08B	1.08B	1.04B	1.34B	17.9	11.9	15.6	9.89	8.61	3.27B	2.50B	1.37B	20
21	1.05B	1.10B	1.03B	1.40B	16.5	18.5	21.0	9.34	8.80	3.22B	2.49B	1.37B	21
22	1.03B	1.11B	1.05B	1.48B	12.3	17.9	14.7	9.30	8.62	3.15B	2.50B	1.37B	22
23	1.02B	1.11B	1.07B	1.50B	10.6	15.3	12.6	9.62	8.73	3.04B	2.49B	1.38B	23
24	1.01B	1.08B	1.08B	1.54B	15.8	13.6	10.5	10.7	8.85	3.00B	2.49B	1.30B	24
25	1.01B	1.07B	1.08B	1.60B	26.3	11.9	9.74	11.3	8.50E	2.99B	2.48B	1.25B	25
26	1.02B	1.08B	1.07B	1.71B	27.6	11.3	9.42	10.5	4.80E	2.97B	2.47B	1.19B	26
27	1.04B	1.08B	1.06B	1.79B	30.4	11.6	9.31	11.9	4.49B	2.97B	2.42B	1.17B	27
28	1.07B	1.05B	1.06B	1.88B	31.9	11.1	8.81	17.4	4.48B	2.95B	2.37B	1.14B	28
29	1.08B		1.07B	2.04B	48.8	10.4	10.0	15.2	4.61B	2.90B	2.30B	1.10B	29
30	1.07B		1.08B	2.18B	81.5	9.84	9.81	12.8	4.69B	2.92B	2.18B	1.07B	30
31	1.06B		1.11B		126		9.12	11.6		2.95B		1.04B	31
TOTAL	33.46	29.56	32.47	40.72	691.02	584.64	316.16	348.22	233.02	107.32	78.60	45.44	TOTAL
MEAN	1.08	1.06	1.05	1.36	22.3	19.5	10.3	11.2	7.77	3.46	2.62	1.47	MEAN
MAX	1.17	1.11	1.11	2.18	126	106	21.0	17.9	12.1	4.80	2.98	2.04	MAX
MIN	1.01	1.02	1.01	1.09	2.42	9.84	7.81	6.72	4.48	2.90	2.18	1.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.87
MAXIMUM DAILY, 126 ON MAY 31
MINIMUM DAILY, 1.01B ON JAN 24
MAXIMUM INSTANTANEOUS,
186 AT 11:40 YST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 59 45 N
LONG 137 34 20 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 890	JUL	27 500
FEB	2 550	AUG	30 100
MAR	2 610	SEP	20 100
APR	3 530	OCT	9 270
MAY	50 700	NOV	6 790
JUN	50 500	DEC	3 930

TOTAL DISCHARGE, 220 000 dam³

YUKON TERRITORY

LUBBOCK RIVER NEAR ATLIN - STATION NO 09AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 300	2 650	1 700	1 480	2 680	3 35	1 99	1 70	1 89E	2 23	2 720	3 090	1
2	3 250	2 610	1 680	1 450	3 620	3 44	2 06	1 68	1 92A	2 25	2 770	2 730	2
3	3 200	2 570	1 650	1 440	3 100	3 62	2 12	1 68	2 03	2 33	2 800	2 690	3
4	3 150	2 500	1 640	1 480	3 400	3 31	2 15	1 74	1 93	2 45	2 780	2 600	4
5	3 030	2 450	1 630	1 490	4 19A	3 30	2 14	1 69	2 03	2 46	2 720	2 488	5
6	3 000	2 380	1 610	1 470	4 23	3 62	2 16	1 69	2 16	2 44	2 670	2 350	6
7	2 980	2 360	1 590	1 450	4 31	3 26	2 16	1 69	2 06	2 44	2 600	2 250	7
8	2 970	2 320	1 570	1 440	4 35	3 10	2 11	1 69	2 01	2 54	2 550	2 200	8
9	2 940	2 280	1 550	1 430	4 36	3 00	2 02	1 69E	1 99	2 56	2 480	2 150	9
10	2 900	2 180	1 580	1 420	4 32	2 86	1 97	1 70E	1 99	2 56	2 540	2 150	10
11	2 920	2 100	1 650	1 420	4 27	2 73	1 97	1 70E	2 00	2 47	2 600	2 200	11
12	2 880	2 030	1 680	1 430	4 24	2 61	1 94	1 70E	2 03	2 47	2 660	2 250	12
13	2 950	1 880	1 680	1 420	4 25	2 53	1 94	1 71E	2 05	2 51	2 750	2 220	13
14	2 930	1 930	1 650	1 410	4 23	2 47	1 93	1 72E	2 04	2 54	2 820	2 195	14
15	2 920	1 880	1 630	1 420	4 18	2 40	1 93	1 72E	2 01	2 55	2 880	2 170	15
16	2 910	1 850	1 620	1 440	4 09	2 26	1 95	1 71E	2 00	2 52	2 930	2 140	16
17	2 910	1 780	1 610	1 450	3 95	2 23	1 84	1 71E	2 17	2 53	2 930	2 140	17
18	2 900	1 740	1 600	1 450	3 84	2 23	1 78	1 71E	2 15	2 56	2 930	2 090	18
19	2 870	1 770	1 590	1 440	3 78	2 26	1 74	1 74A	2 15	2 71	2 900	2 050	19
20	2 830	1 780	1 580	1 580	3 89	2 20	1 72	1 76	2 19	2 68	2 930	2 010	20
21	2 820	1 810	1 550	1 610	3 90	2 17	1 70	1 73E	2 16	2 66	2 900	1 980	21
22	2 810	1 810	1 530	1 680	3 87	2 13	1 84	1 71E	2 15	2 66	2 870	1 980	22
23	2 800	1 850	1 500	1 740	3 82	2 11	1 80	1 69A	2 15	2 60	2 840	1 940	23
24	2 800	1 880	1 480	1 830	3 71	2 07	1 76	1 68E	2 15	2 61	2 800	1 920	24
25	2 780	1 880	1 470	1 900	3 69	2 03	1 77	1 69E	2 16	2 69	2 780	1 970	25
26	2 750	1 830	1 480	2 000	3 60	2 00	1 74	1 71E	2 27	2 620	2 780	2 030	26
27	2 740	1 780	1 480	2 150	3 62	2 00	1 74	1 72E	2 26	2 600	2 730	2 030	27
28	2 720	1 740	1 490	2 320	3 63	1 93	1 75	1 75E	2 21	2 620	2 720	2 040	28
29	2 700		1 470	2 430	3 62	1 93	1 70	1 79E	2 23	2 650	2 700	2 070	29
30	2 680		1 450	2 580	3 59	1 96	1 71	1 83E	2 21	2 700	2 690	2 100	30
31	2 650		1 450		3 45		1 70	1 86E		2 700		2 130	31
TOTAL	90 12	57 69	48 83	49 24	119 04	76 93	58 86	53 29	62.96	78.90	82 99	67.91	TOTAL
MEAN	2 91	2 06	1 58	1 64	3 84	2 56	1 90	1 72	2 10	2 55	2 77	2 19	MEAN
MAX	3 30	2 65	1 70	2 58	4 36	3 62	2 15	1 86	2 26	2 71	3 03	2 73	MAX
MIN	2 66	1 74	1 45	1 41	2 66	1 93	1 70	1 68	1 89	2 23	2 66	1 92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 32
MAXIMUM DAILY, 4.36 ON MAY 9
MINIMUM DAILY, 1.41B ON APR 14
MAXIMUM INSTANTANEOUS,
4.47 AT 20:01 YST ON MAY 9

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 04 52 N
LONG 133 51 30 W
DRAINAGE AREA, 1 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 790	JUL	5 090
FEB	4 980	AUG	4 600
MAR	4 220	SEP	5 440
APR	4 250	OCT	6 820
MAY	10 300	NOV	7 170
JUN	6 650	DEC	5 870

TOTAL DISCHARGE, 73 200 dam³

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.320	3.330	3.290	3.210	5 900	39 0	13.2	7.83	7.26	9 20	5.430	2.530	1
2	3 310	3.320	3.250	3.200	6 460	29.5	13 9	7 56	7.83	9 80	4.740	2.500	2
3	3 290	3 310	3 230	3.190	7.200	34.1	14.0	7 40	8 97	9.97	4.260	2.490	3
4	3.250	3.290	3.210	3 160	8 000	31.4	14.8	7.89	9.56	10.1	3.850	2.470	4
5	3.210	3.270	3.190	3.170	9 14	27.5	15.5	7 43	14.0	9 82	3.450	2.410	5
6	3 190	3.260	3.170	3.120	9 43	27.0	16.9	7.15	13.5	9.36	3.200	2.340	6
7	3 160	3.240	3.160	3.100	10 3	26.7	17.1	6 96	12.1	9 48	3.030	2.250	7
8	3 120	3.220	3 160	3.070	11.7	24 9	15.9	6.73	11.5	9 06	2.910	2.220	8
9	3.100	3.210	3.190	3.040	13 2	23.0	15.0	6.49	11.2	8 89	2.840	2.200	9
10	3.080	3.190	3.220	3.020	14.9	21.8	14.5	6.65	11.0	8.609	2.800	2.190	10
11	3 090	3.170	3.300	3.020	16 1	22.2	16 3	7.98	10.8	8 629	2.800	2.180	11
12	3 110	3.170	3.290	3.030	18 9	20.8	13.9	7 84	10 7	8.589	2.800	2.200	12
13	3 130	3.190	3.300	3.050	18.7	18.3	14.2	7.41	11.3	8.35	2.800	2.210	13
14	3 160	3.180	3.290	3.080	18 8	18.2	14.4	7.11	11.0	8.07	2.810	2.210	14
15	3.230	3.140	3.260	3.080	20.6	17.5	13.6	7.01	10.8	8.08	2.800	2.200	15
16	3.260	3.150	3.260	3.110	21 1	17.2	12.8	7.43	10.4	7.55	2.770	2.190	16
17	3 310	3.200	3.220	3.140	20.0	16.2	12.2	7.40	10.3	7.79	2.690	2.110	17
18	3.360	3.210	3.190	3.180	17.7	15.7	11.7	7.73	10.1	7.82	2.640	2.100	18
19	3.370	3.200	3.160	3.230	15.7	15.8	11.3	8.53	9.88	7.84	2.620	2.100	19
20	3.320	3.200	3.150	3.260	15.1	15.8	11.1	8.08	9.83	7.78	2.600	2.110	20
21	3.280	3.220	3.140	3.310	16.6	15.5	10.5	7.78	10.0	7.65	2.610	2.080	21
22	3.230	3.260	3.160	3.340	16.2	15.4	10.6	7.74	9.80	7.58	2.620	2.030	22
23	3.180	3.310	3.170	3.400	16.2	14.7	10.6	7.87	9.68	7.10	2.630	2.000	23
24	3.170	3.400	3.130	3.510	16.2	14.3	9.84	8.40	9.81	7.48	2.620	2.000	24
25	3.180	3.450	3.120	3.600	13.9	13.7	9.39	8.10	9.99	7.31	2.600	2.000	25
26	3.190	3.480	3.110	3.700	13.2	13.3	8.98	7.82	9.65	6.92	2.590	1.990	26
27	3.220	3.440	3.120	4.120	12.5	14.2	8.83	8.01	8.83	7.13	2.580	1.970	27
28	3.270	3.390	3.140	4.580	12.1	14.1	9.13	7.80	8.788	7.188	2.580	1.920	28
29	3.300		3.180	4.950	14.6	13.3	8.88	7.57	8.858	6.928	2.580	1.930	29
30	3.310		3.200	5.430	22.7	13.1	8.23	7.34	8.21	6.578	2.550	1.980	30
31	3.340		3.220		27.7		7.83	7.27		6.008		2.010	31
TOTAL	100.08	91.38	99.17	102.51	485.05	605.0	383.12	234.22	308.55	252.84	89.88	87.08	TOTAL
MEAN	3.23	3.26	3.20	3.42	15.0	20.2	12.4	7.56	10.2	8.15	3.00	2.18	MEAN
MAX	3.37	3.46	3.30	5.43	27.7	39.0	17.1	8.53	14.0	10.1	5.43	2.53	MAX
MIN	3.08	3.14	3.11	3.03	5.90	13.1	7.83	6.49	7.26	6.00	2.55	1.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.55
MAXIMUM DAILY, 39.0 ON JUN 1
MINIMUM DAILY, 1.920 ON DEC 28
MAXIMUM INSTANTANEOUS,
48.1 AT 19:47 YST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 45 N
LONG 134 27 27 W
DRAINAGE AREA, 1 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 650	JUL	33 100
FEB	7 900	AUG	20 200
MAR	8 570	SEP	26 600
APR	8 880	OCT	21 800
MAY	40 300	NOV	7 780
JUN	52 300	DEC	5 800

TOTAL DISCHARGE, 242 000 dam³

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.492	2.196	1.682	1.025	0.759	0.776	1.950	2.474	2.596	2.730	2.760	2.503	1
2	2.490	2.180	1.656	1.017	0.758	0.815	1.988	2.485	2.598	2.741	2.749	2.506	2
3	2.496	2.163	1.625	1.007	0.770	0.867	2.027	2.497	2.606	2.739	2.737	2.502	3
4	2.488	2.150	1.592	1.003	0.771	0.923	2.078	2.520	2.616	2.722	2.722	2.493	4
5	2.480A	2.138	1.585	0.999	0.783	0.988	2.124	2.547	2.622	2.780	2.721	2.489	5
6	2.477	2.124	1.538	0.990	0.788	1.016	2.181	2.581	2.613	2.782	2.697	2.485	6
7	2.474	2.118	1.513	0.977	0.788	1.081	2.188	2.582	2.608	2.780	2.678	2.481	7
8	2.468	2.100	1.488	0.961	0.785	1.107	2.233	2.768	2.611	2.781	2.667	2.475	8
9	2.463	2.081	1.468	0.950	0.787	1.151	2.273	2.580	2.618	2.771	2.652	2.483	9
10	2.458E	2.061	1.453	0.936	0.781	1.191	2.298	2.584	2.612	2.807	2.648	2.487	10
11	2.397A	2.037	1.433	0.918	0.787	1.237	2.307	2.583	2.589	2.885	2.628	2.485	11
12	2.388E	2.018	1.413	0.918	0.775	1.272	2.308	2.598	2.578	2.854	2.628	2.484	12
13	2.378E	1.982	1.378	0.907	0.778	1.301	2.301	2.610	2.584	2.832	2.624	2.484	13
14	2.370E	1.971	1.353	0.901	0.786	1.322	2.298	2.617	2.584	2.823	2.622	2.484	14
15	2.365E	1.952	1.327	0.892	0.788	1.348	2.288	2.633	2.589	2.818	2.612	2.480	15
16	2.360E	1.931	1.287	0.883	0.789	1.373	2.281	2.628	2.545	2.818	2.605	2.447	16
17	2.355E	1.918	1.265	0.874	0.782	1.390	2.274	2.612	2.531	2.815	2.599	2.444	17
18	2.350A	1.898	1.240	0.866	0.743	1.413	2.291	2.602	2.527	2.821	2.596	2.435	18
19	2.344	1.883	1.208	0.856	0.732	1.431	2.302	2.591	2.563	2.827	2.585	2.422	19
20	2.331	1.872	1.179	0.842	0.727	1.461	2.308	2.583	2.587	2.834	2.575	2.414	20
21	2.314	1.850	1.151	0.838	0.729	1.487	2.317	2.608	2.600	2.826	2.566	2.405	21
22	2.296	1.829	1.120	0.827	0.729	1.533	2.352	2.596	2.608	2.841	2.557A	2.395	22
23	2.278	1.807	1.099	0.817	0.728	1.561	2.350	2.585	2.624	2.856	2.553E	2.386	23
24	2.265	1.793	1.088	0.808	0.720	1.581	2.358	2.584	2.658	2.819	2.549E	2.381	24
25	2.242	1.773	1.088	0.784	0.730	1.638	2.361	2.588	2.628	2.805	2.545E	2.378	25
26	2.230	1.754	1.098	0.788	0.728	1.684	2.374	2.581	2.603	2.817	2.541A	2.367	26
27	2.245	1.724	1.088	0.777	0.722	1.762	2.388	2.575	2.624	2.808	2.523	2.335	27
28	2.236	1.697	1.058	0.775	0.714	1.800	2.398	2.582	2.647	2.827	2.514	2.308	28
29	2.222		1.048	0.788	0.710	1.847	2.421	2.581	2.658	2.813	2.511	2.285	29
30	2.211		1.035	0.784	0.720	1.898	2.433	2.587	2.700	2.792	2.508	2.270	30
31	2.208		1.030		0.748		2.452	2.598		2.788		2.258A	31
MEAN	2.359	1.965	1.308	0.888	0.748	1.341	2.273	2.577	2.601	2.803	2.616	2.421	MEAN
MAX	2.495	2.196	1.682	1.025	0.788	1.898	2.452	2.633	2.700	2.885	2.780	2.506	MAX
MIN	2.208	1.697	1.030	0.764	0.710	0.778	1.950	2.474	2.527	2.730	2.508	2.258	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.993
MAXIMUM DAILY, 2.885 ON OCT 11
MINIMUM DAILY, 0.710 ON MAY 29
MAXIMUM INSTANTANEOUS,
2.874 AT 15:05 YST ON OCT 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 31 50 N
LONG 134 21 55 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.476	2.252	2.107	1.903	1.898	2.333	2.842	3.163	3.422	3.407	3.329	3.026	1
2	2.473	2.238	2.104	1.898	1.893	2.451	2.858	3.177	3.415	3.412	3.318	3.014	2
3	2.482	2.233	2.098	1.884	1.884	2.533	2.880	3.196	3.411	3.413	3.302	3.005	3
4	2.485	2.232	2.092	1.893	1.889	2.590	2.870	3.203	3.413	3.411	3.288	2.988	4
5	2.438	2.225	2.080	1.882	1.857	2.629	2.884	3.218	3.402	3.412	3.289	2.988	5
6	2.423	2.217	2.080	1.871	1.852	2.658	2.896	3.235	3.395	3.412	3.280	2.970	6
7	2.426	2.206	2.068	1.868	1.852	2.680	2.898	3.259	3.387	3.407	3.278	2.954	7
8	2.426	2.202	2.081	1.862	1.854	2.701	2.923	3.284	3.387	3.404	3.271	2.948	8
9	2.421	2.192	2.054	1.859	1.856	2.708	2.933	3.287	3.383	3.406	3.261	2.939	9
10	2.410	2.193	2.052	1.849	1.872	2.709	2.943	3.308	3.375	3.419	3.241	2.928	10
11	2.407	2.188	2.045	1.843	1.888	2.712	2.955	3.344	3.370	3.424	3.227	2.917	11
12	2.398	2.185	2.037	1.837	1.706	2.718	2.968	3.385	3.382	3.412	3.217	2.903	12
13	2.392	2.181	2.033	1.837	1.716	2.717	2.984	3.408	3.357	3.412	3.207	2.894	13
14	2.393	2.170	2.026	1.830	1.725	2.720	2.991	3.431	3.349	3.412	3.199	2.888	14
15	2.386	2.162	2.012	1.818	1.753	2.719	2.997	3.452	3.348	3.412	3.189	2.872	15
16	2.383	2.162	2.011	1.815	1.781	2.708	3.008	3.467	3.353	3.415	3.174	2.861	16
17	2.372	2.151	2.001	1.818	1.808	2.703	3.026	3.488	3.348	3.405	3.168	2.850	17
18	2.359	2.147	1.992	1.810	1.827	2.700	3.038	3.510	3.351	3.395	3.160	2.842	18
19	2.351	2.148	1.986	1.805	1.852	2.693	3.058	3.522	3.388	3.393	3.145	2.830	19
20	2.349	2.150	1.984	1.805	1.873	2.689	3.071	3.517	3.378	3.390	3.143	2.819	20
21	2.331	2.151	1.977	1.805	1.898	2.703	3.080	3.510	3.377	3.390	3.128	2.807	21
22	2.332	2.139	1.968	1.800	1.910	2.720	3.088	3.507	3.378	3.386	3.108	2.795	22
23	2.317	2.133	1.960	1.793	1.915	2.733	3.102	3.493	3.381	3.377	3.097	2.784	23
24	2.313	2.132	1.955	1.788	1.918	2.748	3.113	3.481	3.390	3.381	3.088	2.773	24
25	2.307	2.128	1.949	1.774	1.928	2.761	3.124	3.471	3.388	3.384	3.080	2.783	25
26	2.283	2.118	1.938	1.758	1.950	2.788	3.130	3.460	3.388	3.388	3.083	2.752	26
27	2.280	2.113	1.930	1.738	1.974	2.781	3.133	3.449	3.384	3.388	3.087	2.740	27
28	2.280	2.112	1.922	1.718	2.005	2.801	3.147	3.448	3.388	3.380	3.088	2.730	28
29	2.274		1.918	1.707	2.052	2.814	3.149	3.447	3.405	3.380	3.058	2.720	29
30	2.267		1.911	1.701	2.125	2.830	3.158	3.428	3.413	3.342	3.038	2.710	30
31	2.262		1.910		2.218		3.158	3.422		3.336		2.700	31
MEAN	2.389	2.174	2.008	1.818	1.817	2.681	3.013	3.388	3.383	3.393	3.184	2.882	MEAN
MAX	2.476	2.252	2.107	1.903	2.218	2.830	3.158	3.522	3.422	3.424	3.329	3.026	MAX
MIN	2.262	2.112	1.910	1.701	1.852	2.333	2.842	3.163	3.348	3.336	3.038	2.700	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.676
MAXIMUM DAILY, 3.522 ON AUG 19
MINIMUM DAILY, 1.852 ON MAY 6
MAXIMUM INSTANTANEOUS,
3.539 AT 12:27 YST ON AUG 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 45 24 N
LONG 135 23 17 W

REGULATED SINCE 1952

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO 09BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.25B	7.90B	6.48B	5.98B	27.5B	269	53.8	39.2	83.7	20.4B	16.1B	11.8 B	1
2	8.15B	7.95B	6.22B	6.08B	36.2B	261	49.8	38.3	81.0	21.6B	16.2B	11.6 B	2
3	8.60B	7.80B	6.10B	6.12B	46.0B	219	46.7	43.0	81.2	22.4B	16.3B	11.5 B	3
4	8.40B	7.75B	5.95B	6.10B	50.5	178	44.2	49.5	82.4	23.0B	16.1B	11.5 B	4
5	8.20B	7.60B	5.92B	6.05B	42.7	139	42.6	49.1	59.9	22.8B	15.9B	11.4 B	5
6	8.20B	8.00B	5.90B	6.00B	38.5	116	41.0	47.5	57.0	22.4B	15.7B	11.3 B	6
7	8.22B	8.00B	5.95B	5.97B	40.1	105	38.9	46.8	54.3	21.2B	15.4B	10.8 B	7
8	8.00B	7.95B	6.00B	5.82B	56.7	94.4	37.7	46.7	52.4	20.0B	14.8B	10.4 B	8
9	7.80B	7.50B	6.05B	5.80B	76.4	83.3	37.5	45.5	50.1	18.5B	14.6B	9.72B	9
10	7.40B	7.55B	6.08B	5.78B	86.4	74.8	37.0	50.4	48.2	18.0B	14.2B	9.38B	10
11	7.40B	7.80B	6.02B	5.76B	82.5	71.5	35.5	48.1	48.2	18.5B	14.0B	9.19B	11
12	7.40B	7.52B	6.03B	5.77B	102	77.8	36.0	45.8	44.7	17.2B	14.0B	9.04B	12
13	7.40B	7.20B	6.15B	5.78B	108	87.0	35.6	43.8	43.3	17.7B	14.0B	9.00B	13
14	7.50B	7.05B	6.20B	5.80B	113	80.3	34.2	74.9	42.3	18.0B	14.0B	8.95B	14
15	7.80B	7.05B	6.10B	5.90B	148	74.4	33.8	87.8	41.2	18.1B	14.0B	8.82B	15
16	7.80B	7.02B	6.05B	5.95B	157	70.1	33.0	84.2	40.4	18.4B	13.9B	8.80B	16
17	7.90B	7.10B	6.10B	6.00B	138	66.9	32.2	82.8	38.9	18.8B	13.8B	8.75B	17
18	7.90B	7.20B	6.20B	6.10B	117	64.4	32.0	59.3	38.0	18.7B	13.7B	8.70B	18
19	7.80B	7.24B	6.10B	6.20B	97.6	61.9	34.1	55.6	38.7	18.8B	13.6B	8.65B	19
20	7.78B	7.30B	6.08B	6.38B	93.0	59.0	43.8	52.6	35.6	18.4B	13.4B	8.62B	20
21	7.60B	7.28B	5.95B	6.52B	96.5	59.8	65.3	49.9	35.4	17.8B	13.1B	8.60B	21
22	7.30B	7.35B	5.90B	6.90B	89.7	60.7	69.8	47.9	35.3	17.5B	12.8B	8.80B	22
23	7.30B	7.45B	5.85B	7.40B	73.0	90.9	82.0	45.8	34.8	17.7B	12.4B	8.80B	23
24	7.30B	7.50B	5.75B	8.00B	69.3	79.2	97.9	44.9	35.6	18.0B	12.2B	8.62B	24
25	7.35B	7.40B	5.68B	9.0CB	95.4	69.7	92.6	46.9	36.3	18.1B	12.0B	8.84B	25
26	7.58B	8.98B	5.62B	10.2 B	118	83.4	46.1	50.8	35.12	18.1B	11.9B	8.84B	26
27	7.70B	8.44B	5.60B	11.7 B	128	89.6	44.8	54.5	29.78	17.7B	12.0B	8.80B	27
28	7.78B	8.75B	5.62B	13.4 B	139	97.3	42.4	67.2	25.48	17.2B	12.0B	8.80B	28
29	7.62B		5.71B	15.0 B	183	83.0	41.9	78.2	18.98	16.2B	12.0B	8.62B	29
30	7.76B		5.80B	21.5 B	202	68.4	43.0	73.9	19.58	15.2B	11.9B	8.38B	30
31	7.76B		5.92B		241		41.7	88.4		14.1B		8.30B	31
TOTAL	243.09	208.03	185.18	229.96	3 083.0	2 934.8	1 348.9	1 789.4	1 283.8	579.1	418.0	291.82	TOTAL
MEAN	7.84	7.43	5.97	7.67	99.5	97.8	43.5	57.1	42.8	18.7	13.9	9.41	MEAN
MAX	9.25	8.00	6.48	21.5	241	269	69.8	88.8	83.7	23.0	16.3	11.8	MAX
MIN	7.30	6.75	5.60	5.76	27.5	57.3	32.0	38.3	18.9	14.0	11.9	8.30	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.4
MAXIMUM DAILY, 269 ON JUN 1
MINIMUM DAILY, 5.80B ON MAR 27
MAXIMUM INSTANTANEOUS,
276 AT 11:02 YST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 38 40 N
LONG 137 16 10 W
DRAINAGE AREA, 2 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 000	JUL	117 000
FEB	18 000	AUG	153 000
MAR	16 000	SEP	111 000
APR	19 800	OCT	50 000
MAY	266 000	NOV	35 900
JUN	254 000	DEC	25 200

TOTAL DISCHARGE, 1 090 000 dam³

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.7B	14.3B	13.4B	13.2B	116	510	198	87.6	88.0	61.5	42.0B	28.2B	1
2	21.6B	14.2B	13.5B	13.7B	118	530	190	85.6	88.0	65.3	41.0B	28.0B	2
3	21.5B	14.2B	13.6B	14.0B	119	571	194	85.2	91.6	90.2	40.4B	27.5B	3
4	21.3B	14.3B	13.4B	14.5B	113	633	198	85.7	97.9	91.0	39.5B	26.8B	4
5	20.7B	14.4B	13.3B	14.7B	114	671	192	88.2	104	88.0	39.3B	26.5B	5
6	20.3B	14.5B	13.1B	14.8B	124	695	180	87.8	111	85.6	39.2B	26.2B	6
7	19.8B	14.4B	12.8B	15.0B	126	654	205	82.6	115	81.4	38.0B	25.8B	7
8	19.5B	14.2B	12.7B	15.2B	135	477	186	80.4	114	77.9	38.3B	24.9B	8
9	19.8B	14.0B	12.6B	15.2B	146	423	179	78.5	110	87.4	37.5B	23.8B	9
10	18.5B	13.8B	12.6B	15.3B	160	380	183	78.5	104	93.6	36.5B	23.4B	10
11	18.0B	13.8B	12.4B	15.3B	175	362	182	77.0	101	93.0B	35.7B	23.0B	11
12	17.8B	13.3B	12.5B	15.4B	187	370	143	82.1	98.4	84.0B	35.0B	22.7B	12
13	17.5B	13.2B	12.8B	15.5B	200	383	141	83.6	96.5	85.0B	34.5B	22.4B	13
14	17.4B	13.0B	12.7B	15.7B	215	338	146	82.4	98.5	84.0B	34.0B	21.7B	14
15	17.2B	12.9B	12.7B	15.9B	234	318	147	81.4	98.3	83.0B	33.5B	21.5B	15
16	17.1B	12.8B	12.7B	16.4B	257	312	148	82.7	98.0	80.5B	33.1B	21.8B	16
17	17.1B	12.8B	12.6B	17.2B	282	330	139	86.3	98.8	48.5B	33.0B	21.0B	17
18	17.0B	12.7B	12.5B	18.5B	297	317	131	89.0	97.3	49.0B	32.8B	20.5B	18
19	16.8B	12.7B	12.4B	24.0B	282	302	126	89.0	94.2	48.5B	32.5B	20.3B	19
20	16.6B	12.6B	12.3B	31.0B	267	303	131	90.6	91.8	48.3B	32.0B	20.1B	20
21	16.2B	12.5B	12.2B	40.0B	246	297	126	92.5	89.9	48.0B	31.0B	19.8B	21
22	15.9B	12.5B	12.0B	50.0B	251	286	124	90.0	89.5	47.0B	30.0B	19.7B	22
23	15.7B	12.9B	11.8B	62.0B	258	271	119	87.2	90.7	47.0B	29.0B	19.5B	23
24	15.5B	12.8B	11.7B	80.0B	258	253	115	87.5	90.6	46.5B	28.8B	19.1B	24
25	15.4B	13.0B	11.6B	85.1A	253	245	110	88.4	89.8	46.0B	28.7B	18.8B	25
26	15.2B	13.1B	11.7B	86.3	248	238	105	90.0	90.5	45.5B	28.7B	18.4B	26
27	15.0B	13.1B	11.8B	84.8	236	238	101	89.6	89.8	45.0B	28.6B	18.0B	27
28	15.0B	13.2B	11.9B	90.5	226	238	97.6	84.3	84.0	44.0B	28.6B	17.8B	28
29	14.9B		12.1B	100	243	227	97.2	80.8	75.7	43.5B	28.5B	17.5B	29
30	14.8B		12.4B	111	313	210	88.5	84.2	78.2	43.0B	28.4B	17.3B	30
31	14.8B		12.7B		436		91.6	90.1		42.5B		17.1B	31
TOTAL	545.3	378.0	388.2	1 121.4	6 624	11 220	4 492.1	2 685.7	2 857.2	1 814.9	1 019.2	678.6	TOTAL
MEAN	17.6	13.4	12.5	37.4	214	374	145	86.6	95.2	58.5	34.0	21.9	MEAN
MAX	22.2	14.5	13.6	111	436	671	205	99.6	115	91.0	42.0	28.2	MAX
MIN	14.6	12.7	11.6	13.2	113	210	91.6	78.5	75.7	42.5	28.4	17.1	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.7
MAXIMUM DAILY, 671 ON JUN 5
MINIMUM DAILY, 11.6B ON MAR 25
MAXIMUM INSTANTANEOUS,
688 AT 18:30 YST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 20 35 N
LONG 132 32 41 W
DRAINAGE AREA, 8 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 100	JUL	388 000
FEB	32 500	AUG	232 000
MAR	33 500	SEP	248 000
APR	96 900	OCT	157 000
MAY	572 000	NOV	88 100
JUN	969 000	DEC	58 600

TOTAL DISCHARGE, 2 820 000 dam³

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.208	3.718	3.008	2.938	71.2	39.6	16.6	16.7	19.8	15.6	8.108	5.008	1
2	4.008	3.708	2.888	3.018	76.5	47.1	16.4	17.3	19.8	15.4	8.008	4.958	2
3	3.908	3.708	2.888	3.108	76.2	170	16.7	17.7	19.7	15.4	7.908	4.908	3
4	3.808	3.618	2.828	3.198	85.5	185	16.8	17.6	19.8	15.3	7.658	4.758	4
5	3.708	3.618	2.768	3.308	80.0	121	17.0	17.2	20.6	14.8	7.808	4.408	5
6	3.578	3.628	2.708	3.408	87.6	99.0	17.0	17.3	22.2	14.1	7.708	4.188	6
7	3.508	3.628	2.688	3.578	86.2	80.7	16.1	16.1	23.2	14.3	7.508	4.008	7
8	3.418	3.618	2.678	3.708	80.7	72.5	19.6	17.8	23.5	13.1	7.308	3.888	8
9	3.358	3.608	2.678	3.808	88.3	61.6	19.3	17.0	22.8	12.5	6.858	3.718	9
10	3.358	3.608	2.688	3.978	76.8	55.6	18.4	17.2	21.9	11.8 A	6.808	3.608	10
11	3.368	3.528	2.678	4.088	78.9	53.6	17.3	25.1	21.1	11.6 B	6.798	3.528	11
12	3.288	3.518	2.688	4.258	77.1	50.5	17.2	40.0	20.5	11.4 B	6.798	3.538	12
13	3.408	3.508	2.588	4.408	72.6	46.2	16.4	49.8	19.6	11.3 B	6.608	3.528	13
14	3.438	3.508	2.688	4.808	85.8	41.9	25.0	51.5	19.1	11.2 B	6.808	3.578	14
15	3.488	3.488	2.698	4.808	84.0	38.3	35.7	47.4	18.8	11.1 B	6.628	3.598	15
16	3.508	3.358	2.708	4.988	83.3	35.5	33.8	46.0	19.2	10.9 B	6.598	3.518	16
17	3.548	3.258	2.728	5.158	80.8	33.1	28.0	44.7	18.9	10.4 B	6.508	3.388	17
18	3.638	3.238	2.718	5.258	82.0	30.7	38.2	44.6	20.4	10.0 B	6.408	3.258	18
19	3.658	3.218	2.698	5.608	80.3	28.1	53.1	43.7	20.1	9.908	6.288	3.108	19
20	3.648	3.208	2.678	5.808	85.6	25.8	46.3	40.5	19.7	9.908	6.048	2.978	20
21	3.608	3.208	2.608	6.108	80.5	25.9	42.1	37.2	19.4	9.708	5.718	2.938	21
22	3.518	3.208	2.528	6.408	67.8	25.0	36.5	34.0	19.1	9.508	5.678	2.908	22
23	3.508	3.188	2.518	6.808	61.2	24.3	33.1	29.3	18.9	9.358	5.688	2.858	23
24	3.518	3.188	2.518	7.208	56.7	23.2	27.1	25.7	18.7	9.208	5.698	2.828	24
25	3.588	3.088	2.508	7.808	53.3	22.1	24.1	24.2	18.3	9.258	5.658	2.748	25
26	3.688	3.018	2.538	8.808	47.3	20.8	22.3	23.0	18.5	9.048	5.648	2.678	26
27	3.608	3.008	2.608	13.0 B	41.3	19.7	20.4	22.1	18.2	8.888	5.518	2.598	27
28	3.708	3.008	2.628	22.0 B	36.8	19.0	19.4	21.6	11.4	8.738	5.478	2.488	28
29	3.708		2.688	35.0 B	33.5	18.2	18.3	20.9	12.6	8.608	5.198	2.418	29
30	3.708		2.778	58.9	33.7	17.3	17.5	20.1	14.8	8.458	5.038	2.318	30
31	3.728		2.858		35.8		16.8	19.7		8.158		2.308	31
TOTAL	111.68	94.95	83.48	251.58	1 818.0	1 542.7	789.2	885.0	575.8	350.25	198.75	105.30	TOTAL
MEAN	3.60	3.39	2.69	8.39	58.6	51.4	24.8	28.5	19.2	11.3	6.55	3.43	MEAN
MAX	4.20	3.71	3.00	58.9	76.5	185	53.1	51.5	23.5	15.6	8.10	5.00	MAX
MIN	3.35	3.00	2.50	2.83	33.5	17.3	16.4	16.7	11.4	8.15	5.03	2.30	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 185 ON JUN 4
MINIMUM DAILY, 2.308 ON DEC 31
MAXIMUM INSTANTANEOUS,
244 AT 22:30 YST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 00 N
LONG 136 16 45 W
DRAINAGE AREA, 6 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 650	JUL	68 500
FEB	8 200	AUG	76 500
MAR	7 210	SEP	49 700
APR	21 700	OCT	30 300
MAY	157 000	NOV	17 000
JUN	133 000	DEC	9 180

TOTAL DISCHARGE, 588 000 dam³

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.608	2.368	2.248	2.178	3.008	140	23.4	14.0	18.3	11.3	7.258	5.498	1
2	2.768	2.318	2.198	2.188	3.208	105	22.6	13.5	18.3	11.1	7.208	5.188	2
3	2.708	2.313	2.218	2.138	3.398	80.1	21.2	13.0	18.7	10.8	7.098	4.828	3
4	2.658	2.348	2.248	2.148	3.668	62.9	21.4	12.7	18.2	10.2	7.108	4.688	4
5	2.638	2.358	2.258	2.198	3.988	37.7	24.7	12.7	14.8	9.93	7.038	4.528	5
6	2.628	2.348	2.228	2.188	4.358	34.2	23.0	12.8	14.1	9.74	6.808	4.388	6
7	2.628	2.378	2.198	2.188	4.728	27.5	20.3	12.4	13.8	9.42	6.648	4.288	7
8	2.608	2.388	2.148	2.188	5.258	22.2	18.9	12.0	13.3	9.35	6.808	4.128	8
9	2.618	2.378	2.178	2.128	5.758	18.1	17.7	11.7	12.8	9.34	6.628	4.088	9
10	2.618	2.348	2.168	2.118	6.408	17.5	17.4	12.6	12.4	9.38	6.708	4.078	10
11	2.638	2.308	2.178	2.118	7.208	18.5	18.1	15.0	11.9	9.29	6.808	4.078	11
12	2.588	2.288	2.158	2.128	8.25A	22.1	17.2	14.9	11.5	9.01	6.628	4.108	12
13	2.588	2.278	2.128	2.128	8.68	23.7	16.2	14.5	11.3	8.63	6.808	4.128	13
14	2.548	2.268	2.128	2.118	9.03	24.7	15.8	14.5	11.1	8.32	6.808	4.158	14
15	2.488	2.278	2.148	2.158	11.2	26.6	15.4	15.1	10.9	8.20	6.768	4.158	15
16	2.488	2.258	2.178	2.188	11.8	55.7	15.1	15.8	10.6	8.16	6.708	4.158	16
17	2.478	2.258	2.208	2.188	11.6	81.7	14.9	15.2	10.3	8.10	6.588	4.158	17
18	2.498	2.268	2.218	2.198	9.67	63.6	15.3	14.7	10.0	7.98	6.428	4.088	18
19	2.488	2.288	2.198	2.218	9.18	37.1	15.9	14.2	9.78	7.88	6.208	4.008	19
20	2.508	2.308	2.158	2.228	9.16	37.4	16.6	13.7	9.67	7.708	6.188	3.808	20
21	2.508	2.338	2.138	2.258	8.72	56.8	21.2	13.8	9.85	7.618	6.128	3.788	21
22	2.478	2.388	2.148	2.258	7.73	55.4	19.5	13.8	11.5	7.508	6.148	3.788	22
23	2.428	2.388	2.208	2.288	7.28	44.3	18.8	18.7	12.6	7.418	6.188	3.728	23
24	2.388	2.388	2.218	2.308	8.28	37.8	17.4	18.7	12.7	7.388	6.088	3.708	24
25	2.338	2.348	2.188	2.388	11.7	33.5	16.3	20.1	11.5	7.388	6.008	3.668	25
26	2.368	2.318	2.138	2.438	14.3	31.4	15.5	20.0	10.9	7.408	5.988	3.608	26
27	2.388	2.298	2.088	2.498	17.1	31.3	15.2	19.3	10.8	7.408	5.928	3.568	27
28	2.428	2.288	2.088	2.568	22.3	30.2	14.6	18.8	10.8	7.408	5.848	3.478	28
29	2.488		2.108	2.698	32.6	27.2	14.3	18.1	10.8	7.388	5.758	3.428	29
30	2.468		2.128	2.808	56.6	24.7	14.6	17.2	10.8	7.258	5.888	3.408	30
31	2.408		2.168		111		14.3	16.7		7.208		3.388	31
TOTAL	78.01	64.80	67.23	67.58	437.79	1 250.5	554.6	486.9	383.61	285.22	194.81	125.63	TOTAL
MEAN	2.52	2.32	2.17	2.25	14.1	41.7	17.9	15.1	12.1	8.58	6.48	4.08	MEAN
MAX	2.80	2.38	2.25	2.80	111	140	24.7	20.1	18.3	11.3	7.25	5.49	MAX
MIN	2.33	2.25	2.06	2.11	3.00	17.5	14.3	11.7	9.67	7.20	5.85	3.38	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 140 ON JUN 1
MINIMUM DAILY, 2.068 ON MAR 26
MAXIMUM INSTANTANEOUS,
183 AT 05:53 YST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 01 15 N
LONG 138 34 55 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 740	JUL	47 900
FEB	5 610	AUG	40 300
MAR	5 810	SEP	31 400
APR	5 840	OCT	22 900
MAY	37 600	NOV	18 800
JUN	108 000	DEC	10 900

TOTAL DISCHARGE, 340 000 dam³

DEMPSTER HIGHWAY

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 040	1 00 B	0 8270	0 8590	0 8200	333	39 4	71 0	39 5	21 40	10 4 B	5 100	1
2	1 090	0 9530	0 8290	0 8450	0 8230	306	32 7	64 6	40 5	21 70	10 4 B	5 950	2
3	1 020	0 9400	0 8300	0 8600	0 8330	136	30 6	48 7	44 3	22 80	10 3 B	5 820	3
4	1 040	0 9380	0 7850	0 8750	0 8400	83 3	31 9	39 1	47 3	22 80	10 1 B	5 680	4
5	1 070	0 9480	0 7540	0 8550	0 8900	90 1	32 1	35 2	43 9	20 80	9 880	5 360	5
5	1 380	0 9500	0 7450	0 8500	1 30 B	78 4	26 3	32 6	36 3	19 90	9 750	4 920	6
7	1 350	0 9550	0 7600	0 8590	1 70 B	82 1	23 9	29 8	33 3	18 90	9 600	4 600	7
8	1 330	0 9700	0 7770	0 8620	2 25 B	85 2	22 2	27 3	30 6	18 70	9 530	4 000	8
9	1 290	0 9560	0 7700	0 8590	2 95 B	86 4	21 6	26 9	28 5	18 90	9 330	3 720	9
10	1 260	0 9550	0 7520	0 8420	3 78 B	73 0	21 6	33 3	26 6	19 00	8 640	3 410	10
11	1 220	0 9380	0 7250	0 8280	4 90 B	63 0	28 2	24 3	25 0	19 10	8 480	3 140	11
12	1 210	0 9300	0 7120	0 8380	6 42 B	63 0	36 6	27 1	24 0	19 00	8 500	2 800	12
13	1 200	0 9000	0 6950	0 8320	8 50 B	64 2	33 0	28 6	23 0	18 00	8 490	2 670	13
14	1 190	0 8950	0 7000	0 8200	11 0 B	67 5	31 7	28 1	22 3	17 10	8 480	2 550	14
15	1 180	0 8800	0 7200	0 8150	14 2 B	66 7	30 8	28 5	21 7	16 30	8 400	2 510	15
16	1 210	0 8750	0 7380	0 8120	18 1 B	63 7	42 1	28 3	21 2	15 50	8 070	2 470	16
17	1 200	0 8650	0 7520	0 8170	23 0 B	76 5	49 8	28 6	21 1	14 60	7 830	2 440	17
18	1 190	0 8500	0 7480	0 8100	30 4 B	72 6	70 0	27 4	20 6	14 20	7 300	2 390	18
19	1 170	0 8350	0 7450	0 8070	38 2 B	66 0	74 7	25 7	20 3	13 90	7 280	2 330	19
20	1 170	0 8420	0 7370	0 8050	46 0 B	63 8	73 1	24 4	19 9	13 20	7 250	2 280	20
21	1 160	0 8550	0 7100	0 8000	62 5 B	78 5	67 0	23 4	19 7	12 60	7 200	2 210	21
22	1 140	0 8680	0 7000	0 5820	81 0 B	327	75 9	23 7	21 2	12 40	7 080	2 160	22
23	1 110	0 8750	0 6970	0 5900	105 B	274	85 1	22 6	30 4	12 00	6 900	2 030	23
24	1 080	0 8850	0 7150	0 6050	135 B	176	95 0	27 2	35 9	11 80	6 850	1 930	24
25	1 040	0 9000	0 7180	0 6320	172 B	119	44 5	46 5	29 5	11 80	6 630	1 830	25
26	1 030	0 8800	0 7100	0 6700	245 B	81 0	37 3	65 4	22 8	11 60	6 630	1 790	26
27	1 030	0 8500	0 6950	0 7100	326 B	63 5	31 7	60 2	22 38	11 70	6 550	1 620	27
28	1 040	0 8290	0 6720	0 7400	372	57 4	27 9	56 8	21 78	11 20	6 500	1 560	28
29	1 050		0 6560	0 7850	357	54 7	26 2	52 7	21 28	10 68	6 500	1 520	29
30	1 070		0 6670	0 8100	375	49 8	25 2	45 5	20 98	10 48	6 300	1 490	30
31	1 080		0 6720		365		53 6	41 8		10 48		1 460	31
TOTAL	37 69	25 345	22 732	19 843	2 617 510	3 079 2	1 268 7	1 131 5	838 0	493 0	245 00	94 42	TOTAL
MEAN	1 22	0 905	0 733	0 661	90 8	103	41 6	36 5	27 9	15 9	8 17	3 05	MEAN
MAX	1 64	1 00	0 838	0 810	375	333	87 0	71 0	47 3	22 6	10 4	8 10	MAX
MIN	1 03	0 829	0 665	0 582	0 820	43 8	21 6	22 8	19 7	10 4	6 30	1 44	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27 7
MAXIMUM DAILY, 375 ON MAY 30
MINIMUM DAILY, 0 5820 ON APR 22
MAXIMUM INSTANTANEOUS,
387 A" 23 25 YST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 21 45 N
LONG 138 17 50 W
DRAINAGE AREA, 6 410 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 370	JUL	111 000
FEB	2 180	AUG	97 800
MAR	1 960	SEP	72 400
APR	1 690	OCT	42 500
MAY	243 000	NOV	21 200
JUN	266 000	DEC	8 150

TOTAL DISCHARGE, 871 000 dam³

OLD CROW RIVER NEAR THE MOUTH - STATION NO 09FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 60 B	0 2108	0 1158	0 1908	1 078	157E	147 E	18 0 E	32 0E	12 0 B	2.55 B	0.7508	1
2	1 55 B	0 2008	0 1148	0 2008	1 108	180E	125 E	16 0 E	33.0E	11.5 B	2.45 B	0.7108	2
3	1 40 B	0.1858	0 1148	0 2108	1 158	218E	117 E	22.0 E	35 0E	11.0 B	2.20 B	0.6808	3
4	1 30 B	0.1758	0 1148	0.2208	1.208	323E	100 E	30.0 E	35 5E	10.6 B	1.90 B	0.6408	4
5	1 23 B	0.1658	0 1148	0.2308	1.255	408E	85 0E	25.0 E	36 5E	10.2 B	1.80 B	0.6008	5
6	1 10 B	0.1558	0 1158	0 2408	1 308	458E	75 7A	21.0 E	34 0E	9.708	1.62 B	0.5708	6
7	1 00 B	0.1508	0 1158	0 2558	1 358	505E	78 4E	17.0 E	33 0E	9.308	1.55 B	0.5508	7
8	0 9008	0.1408	0 1158	0.2608	1.458	578A	70 0E	14.0 E	32 0E	9.008	1.50 B	0.5508	8
9	0.8508	0.1308	0.1158	0.3008	1.528	585	64 0E	11 0 E	33 0E	8.708	1.45 B	0.5408	9
10	0.8208	0.1288	0.1168	0.3258	1.608	533	59 0E	9 00E	50.0E	8.408	1.42 B	0.5108	10
11	0.7908	0.1258	0.1188	0.3508	1.708	443	52 0E	7.50E	70 0E	8.208	1.32 B	0.5008	11
12	0.7008	0.1228	0.1188	0.3758	1 808	378	42.0E	6 80E	66.0E	7.908	1.27 B	0.4908	12
13	0.6808	0.1208	0.1178	0.4008	1 908	338	41.0E	8 00E	62 0E	7.408	1.20 B	0.4808	13
14	0.6508	0.1188	0.1178	0.4408	2.058	308	36.0E	8.60E	60.0E	7.008	1.15 B	0.4658	14
15	0 6108	0.1188	0.1178	0.4808	2.208	285	32.0E	9.10E	57.0E	6.408	1.12 B	0.4588	15
16	0.5808	0.1168	0.1188	0.5508	2.358	277E	30.0E	4.70E	54.0E	6.008	1.10 B	0.4508	15
17	0.5608	0.1178	0.1188	0.5708	2.458	270E	29.0E	4.40E	51.0E	5.808	1.08 B	0.4408	17
18	0 5408	0.1178	0.1198	0.6008	2.608	308E	23.0E	4.10E	48.0E	5.308	1.03 B	0.4308	18
19	0.5208	0.1178	0.1198	0.6208	2.808	437E	13.0E	3.70E	47.0E	5.008	1.00 B	0.4258	19
20	0.5008	0.1168	0.1208	0.6408	3.008	241E	12.0E	3.60E	46.0E	4.808	0.9908	0.4208	20
21	0.4808	0.1188	0.1258	0.6708	3.028	172E	28.0E	3.40E	48.3A	4.808	0.9808	0.4188	21
22	0.4208	0.1188	0.1308	0.7008	3.058	185E	34.0E	3.20E	44.7A	4.408	0.9408	0.4178	22
23	0.3708	0.1188	0.1338	0.7408	3.708	201E	36.0E	3.00E	27.0B	4.208	0.9208	0.4138	23
24	0.3508	0.1188	0.1378	0.8008	4.208	225E	32.0E	3.00E	25.0B	4.008	0.9108	0.4008	24
25	0.3308	0.1188	0.1408	0.8508	5.008	309E	28.0E	3.00E	19.2B	3.808	0.9008	0.3908	25
26	0.3108	0.1188	0.1488	0.8808	6.008	188E	25.0E	3.00E	17.5B	3.508	0.8808	0.3808	26
27	0.2808	0.1188	0.1508	0.9208	8.008	168E	22.0E	3.00E	16.0B	3.208	0.8608	0.3758	27
28	0.2608	0.1188	0.1608	0.9508	18.0 E	159E	20.0E	3.00E	15.0B	3.058	0.8408	0.3658	28
29	0.2708		0.1708	1.00 B	45.0 E	155E	21.0E	3.00E	13.5B	2.908	0.8208	0.3608	29
30	0.2508		0.1758	1.05 B	108 E	159E	22.0E	3.60E	12.6B	2.808	0.7808	0.3508	30
31	0.2308		0.1658		135 E		20.0E	8.00E		2.658		0.3458	31
TOTAL	21.420	3.749	3 974	15.055	375.64	8 481	1 520.1	273.50	1 153.4	203.10	38.510	14.079	TOTAL
MEAN	0.691	0.134	0.128	0.535	12.1	316	49.0	8.82	38.4	6.55	1.28	0.480	MEAN
MAX	1.60	0.210	0.165	1.05	135	789	147	30.0	70.0	12.0	2.55	0.750	MAX
MIN	0.230	0.115	0.114	0.190	1.07	157	12.0	3.00	12.6	2.65	0.780	0.345	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 789A ON JUN 8
MINIMUM DAILY, 0.1148 ON MAR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 36 04 N
LONG 139 41 47 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 650	JUL	131 000
FEB	324	AUG	23 600
MAR	343	SEP	69 700
APR	1 300	OCT	17 500
MAY	32 500	NOV	3 330
JUN	820 000	DEC	1 250

TOTAL DISCHARGE, 1 130 000 dam³

PEEL RIVER ABOVE CANYON CREEK - STATION NO 10MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27 00	25 00	23 60	21 90	31 20	1 440E	335E	201E	194	112 B	43 50	26 00	1
2	26 30	24 10	24 00	22 00	32 60	1 320E	304E	208E	189	109 B	42 70	27 50	2
3	25 70	23 90	23 60	21 60	34 00	1 240E	275E	213E	190	105 B	41 60	27 10	3
4	25 10	23 90	23 20	21 60	35 40	1 150E	250E	208E	193	102 B	40 80	26 40	4
5	24 90	23 90	22 70	21 10	36 60	1 030E	229E	195E	204	97 10	41 00	25 70	5
6	24 90	24 00	22 40	21 00	38 10	995E	218E	184E	195	93 20	41 00	24 90	6
7	25 50	24 10	23 00	21 00	39 50	900E	200E	178E	192	90 00	40 80	24 00	7
8	25 80	24 20	23 20	21 20	47 10	830E	188E	177E	195	87 40	40 50	22 80	8
9	25 40	24 70	23 20	21 30	52 10	768E	172E	161E	177	84 00	39 70	22 30	9
10	24 80	25 60	23 00	21 10	56 00	685E	160E	186E	173	81 10	38 80	21 80	10
11	24 90	25 00	22 80	20 70	55 40	625E	155E	192E	167	78 00	38 00	21 70	11
12	25 10	24 80	22 30	20 60	70 10	585E	162E	185E	161	75 40	37 00	21 40	12
13	25 40	24 60	22 20	20 80	85 00	612E	168E	200E	156	72 60	35 70	21 10	13
14	25 20	24 40	22 70	20 90	115 B	638E	174E	204A	152	69 40	34 70	20 80	14
15	25 10	24 10	23 40	20 80	147 B	685E	182E	194	145	66 80	33 70	20 80	15
16	25 20	23 90	24 00	20 60	184 B	800E	191E	180	146	63 40	32 80	20 80	16
17	25 60	23 20	24 40	20 70	204 B	670E	200E	192	144	61 10	32 00	20 80	17
18	26 40	23 10	24 70	20 60	256 B	600E	208E	186	142	58 80	31 50	20 70	18
19	26 40	23 20	24 60	20 30	345 B	561E	213E	181	140	57 80	30 80	21 00	19
20	26 10	23 60	24 00	20 10	421 B	610E	220E	185	137	57 00	30 20	20 80	20
21	25 90	23 60	23 60	20 00	518 B	675E	220E	177	134	56 30	29 90	20 50	21
22	25 60	23 50	23 60	20 00	645 B	730E	219E	170	149A	55 70	29 50	20 30	22
23	25 10	23 80	23 60	19 80	800 B	805E	214E	165	192A	54 00	29 10	20 20	23
24	24 60	24 00	23 00	19 80	940 B	740E	200E	164	192A	53 20	29 00	20 20	24
25	24 30	24 20	23 10	20 50	1 100 B	682E	184E	171	175B	52 10	28 80	20 20	25
26	24 30	23 90	22 80	20 90	1 270 B	585E	174E	182	154B	50 80	28 70	20 10	26
27	24 50	23 10	22 00	22 10	1 450 B	530E	162E	216	137B	49 10	28 60	20 00	27
28	24 80	23 00	21 90	23 60	1 600 E	462E	167E	220	128B	46 10	28 50	19 90	28
29	25 30		21 30	26 60	1 680 E	418E	173E	219	121B	46 60	28 50	19 80	29
30	25 30		21 40	29 20	1 650 E	375E	182E	213	115B	45 20	28 40	19 70	30
31	25 20		21 60		1 620 A		194E	204		44 50		19 60	31
TOTAL	786 0	671 7	712 8	643 1	15 589 5	20 414	6 289	5 981	4 886	2 175 7	1 035 7	681 0	TOTAL
MEAN	25 4	24 0	23 0	21 4	502	681	203	193	163	70 2	34 5	22 0	MEAN
MAX	27 0	25 0	24 7	29 2	1 680	1 440	335	220	204	112	43 5	28 0	MAX
MIN	24 3	23 0	21 3	19 6	31 2	375	155	184	116	44 5	28 4	19 6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 184
MAXIMUM DAILY, 1 680E ON MAY 29
MINIMUM DAILY, 19 60 ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 53 40 N
LONG 136 02 10 W
DRAINAGE AREA, 25 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 800	JUL	543 000
FEB	58 000	AUG	517 000
MAR	61 600	SEP	422 000
APR	55 600	OCT	188 000
MAY	1 350 000	NOV	89 500
JUN	1 770 000	DEC	58 800

TOTAL DISCHARGE, 5 180 000 dam³

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74 00	67 30	56 10	41 80	1610	1 700	984	476	569E	391	175 B	98 50	1
2	72 00	67 80	55 60	41 80	1700	2 000	917	471	557E	386	172 B	99 00	2
3	71 00	67 20	55 00	41 80	1820	2 220	858	470	548E	387	170 B	98 50	3
4	70 80	67 10	53 80	41 70	2000	2 400	827	474	539E	387	170 B	85 00	4
5	69 00	67 00	53 00	42 00	2500	2 550	787	478E	526E	385	168 B	88 00	5
6	85 00	69 40	52 80	42 40	396	2 690	756	479E	520E	383	180 B	84 00	6
7	84 00	68 40	52 50	42 80	414	2 700	726	481E	521E	380	150 B	81 00	7
8	83 50	69 20	52 20	42 90	476	2 360	709	480E	523E	371	144 B	78 00	8
9	83 70	67 60	52 10	43 20	493	1 920	687	478E	530E	347	140 B	76 00	9
10	83 80	66 80	52 20	42 00	514	1 710	658	489E	552E	337	139 B	77 00	10
11	83 80	62 80	52 20	42 00	525	1 580	622	483E	548E	330	139 B	77 00	11
12	84 20	59 00	52 20	42 10	557	1 490	585	484E	511E	328	138 B	77 50	12
13	85 10	58 40	52 00	41 90	793	1 480	562	452E	503E	318	139 B	76 00	13
14	86 00	58 80	51 00	41 80	888	1 480	564	478E	572E	308	139 B	76 00	14
15	87 40	57 90	50 80	41 90	951	1 440	588	503A	553A	312	140 B	77 50	15
16	88 00	58 00	50 10	42 20	993	1 380	634	532	541	300	141 B	76 80	16
17	88 00	58 80	49 00	43 40	1 020	1 330	683	588	530	288	138 B	74 00	17
18	88 40	59 70	47 30	45 00	1 040	1 300	699	588E	524A	279	137 B	70 00	18
19	88 00	61 00	46 80	50 00	1 100	1 270	691	608E	514A	283	131 B	67 50	19
20	88 20	59 80	46 80	56 00	1 140	1 250	689	640E	507	253	120 B	66 00	20
21	88 40	59 80	43 20	56 00	1 180	1 230	679	664E	490	284	118 B	65 80	21
22	89 00	60 20	42 00	60 00	1 150	1 220	672	691E	474	270	117 B	65 80	22
23	88 00	60 80	41 50	86 00	1 120	1 200	656	707E	459	268	119 B	66 00	23
24	84 30	61 00	40 40	86 00	1 070	1 170	633	708E	451	289	118 B	64 70	24
25	83 10	60 40	40 10	100 B	1 020	1 140	604	701E	448	282	117 B	63 50	25
26	82 20	59 20	39 90	120 B	973	1 130	580	701E	438	239	113 B	80 00	26
27	83 00	58 80	40 00	125 B	881	1 100	561	702E	435	229	103 B	57 50	27
28	84 90	57 00	40 20	132 B	894	1 080	544	703E	428	200	101 B	57 00	28
29	86 00		40 80	143 B	1 040	1 040	519	701E	415	181	98 50	56 00	29
30	88 00		41 20	154 B	1 190	1 000	498	698E	405	158	98 00	56 20	30
31	88 70		41 50		1 370		483	688E		1848		56 30	31
TOTAL	2 088 6	1 751 0	1 481 5	1 981 7	24 591	47 810	20 845	17 703	16 420	9 289	4 053 6	2 288 2	TOTAL
MEAN	86 7	62 5	47 8	66 1	793	1 580	666	571	547	300	135	73 8	MEAN
MAX	76 0	69 6	56 1	154	1 370	2 700	984	705	569	391	175	99 0	MAX
MIN	82 2	57 6	39 9	41 7	181	1 000	483	452	405	184	98 0	56 0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 410
MAXIMUM DAILY, 2 700 ON JUN 7
MINIMUM DAILY, 39 90 ON MAR 26
MAXIMUM INSTANTANEOUS,
2 730 AT 08:55 YST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 49 47 N
LONG 136 34 50 W
DRAINAGE AREA, 48 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	178 000	JUL	1 780 000
FEB	151 000	AUG	1 530 000
MAR	138 000	SEP	1 420 000
APR	171 000	OCT	803 000
MAY	2 120 000	NOV	350 000
JUN	4 100 000	DEC	198 000

TOTAL DISCHARGE, 12 900 000 dam³

PELLY RIVER BELOW VANCORDA CREEK - STATION NO. 09DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9B	24.1B	23.5B	18.5B	100	1 140	492	218	304	154	96.7	56.0B	1
2	24.5B	24.0B	23.2B	18.0B	121	1 310	459	215	291	153	96.5	55.5B	2
3	23.9B	23.0B	22.0B	18.9B	132	1 390	428	206	283	153	96.2	55.0B	3
4	23.2B	24.0B	22.0B	18.9B	136	1 420	400	213	277	155	96.2	54.0B	4
5	23.0B	24.2B	21.9B	18.9B	144	1 430	378	219	278	157	93.0B	51.0B	5
6	23.0B	24.0B	21.6B	19.0B	159	1 290	373	216	290	152	90.0B	48.0B	6
7	22.6B	24.0B	21.7B	19.1B	164	1 100	356	215	316	146	85.0B	46.0B	7
8	23.0B	25.0B	21.6B	19.2B	190	977	339	219	341	141	84.0B	45.5B	8
9	23.2B	25.1B	21.6B	19.2B	203	911	317	204	364	139	83.5B	45.0B	9
10	23.4B	24.9B	21.5B	19.0B	238	892	292	200	334	141	83.0B	44.5B	10
11	23.6B	24.3B	21.3B	18.9B	293	815	271	195	319	142	82.0B	44.0B	11
12	24.0B	23.7B	21.0B	18.8B	475	785	252	192	303	141	81.5B	44.5B	12
13	24.5B	23.0B	20.9B	18.7B	518	777	244	196	288	155	82.0B	44.0B	13
14	24.6B	22.5B	20.5B	18.7B	564	785	270	209	277	156	83.5B	44.0B	14
15	25.0B	22.2B	20.3B	18.6B	583	767	309	231	268	151	82.9B	44.0B	15
16	24.9B	22.0B	20.0B	18.7B	590	735	325	262	264	146	82.0B	43.5B	16
17	24.6B	22.2B	19.8B	18.9B	577	720	327	277	261	133	81.5B	43.0B	17
18	24.5B	22.4B	19.6B	19.6B	606	711	328	269	257	135	80.0B	41.0B	18
19	24.6B	22.4B	19.3B	20.5B	627	712	328	302	249	140	76.0B	40.0B	19
20	24.5B	22.6B	19.0B	21.5B	643	700	335	320	241	142	73.0B	39.0B	20
21	24.1B	22.6B	18.9B	23.0B	643	692	319	334	232	144	69.0B	38.0B	21
22	23.6B	23.0B	18.8B	25.0B	636	671	309	340	226	143	68.0B	37.5B	22
23	23.3B	23.2B	18.6B	30.0B	622	651	297	338	222	136	67.5B	37.5B	23
24	23.0B	23.0B	18.5B	37.0B	586	637	282	326	217	127	67.0B	37.0B	24
25	22.5B	23.4B	18.3B	47.0B	553	624	270	326	218	126	66.0B	36.0B	25
26	22.6B	23.6B	18.1B	55.0B	538	607	260	326	219	125	64.0B	35.0B	26
27	23.2B	23.3B	18.0B	78.2	561	592	246	330	217	122	61.0B	34.0B	27
28	23.3B	23.0B	18.1B	82.4	613	573	237	333	212	116	59.0B	33.5B	28
29	23.5B		18.1B	80.4	650	544	230	333	200	108	57.0B	33.0B	29
30	23.9B		18.2B	88.3	745	520	225	328	198	100	56.0B	32.5B	30
31	24.1B		18.3B		836		221	316		108		33.0B	31
TOTAL	737.8	657.2	622.6	949.8	14 399	25 411	9 752	8 282	7 964	4 709	2 364.0	1 314.5	TOTAL
MEAN	23.8	23.5	20.1	31.7	464	847	315	267	265	152	76.1	42.4	MEAN
MAX	25.0	25.1	23.5	99.3	836	1 430	492	340	364	157	99.2	56.0	MAX
MIN	22.5	22.0	18.0	18.5	100	520	221	192	198	100	56.0	32.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 211
MAXIMUM DAILY, 1 430 ON JUN 5
MINIMUM DAILY, 18.0B ON MAR 27
MAXIMUM INSTANTANEOUS,
1 440 AT 10:15 YST ON JUN 5

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 13 20 N
LONG 133 22 40 W
DRAINAGE AREA, 22 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	63 700	JUL	843 000
FEB	56 800	AUG	714 000
MAR	53 600	SEP	688 000
APR	82 100	OCT	407 000
MAY	1 240 000	NOV	203 000
JUN	2 200 000	DEC	114 000

TOTAL DISCHARGE, 6 630 000 dam³

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.0B	17.8B	15.6B	15.2B	16.4B	1 600E	476	138	185	140 B	65.5B	30.0B	1
2	24.2B	17.5B	15.6B	15.2B	16.3B	1 650E	420E	135	232	135 B	64.2B	29.7B	2
3	23.4B	17.0B	15.7A	15.3B	16.2B	3 350E	376E	144	307	132 B	63.5B	29.0B	3
4	23.0B	16.8B	15.6B	15.6B	16.3B	2 800E	335E	252	308	129 B	61.5B	28.1B	4
5	23.0B	16.6B	16.0B	15.6B	16.4B	2 560	287E	303	286	124 B	59.0B	28.0B	5
6	23.0B	16.6B	16.0B	15.5B	16.5B	2 080	285E	286	278	120 B	57.0B	28.1B	6
7	22.6B	16.6B	16.1B	15.5B	16.8B	1 780	248	262	260	116 B	56.3B	27.7B	7
8	21.7B	16.6B	16.2B	15.5B	16.8B	1 600	228	264	226	112 B	54.2B	27.4B	8
9	21.0B	16.4B	16.1B	15.8B	17.0B	1 360	210	255	209	109 B	52.1B	27.1B	9
10	20.5B	16.4B	16.0B	15.8B	17.5B	1 150	195	248	248	107 B	50.2B	26.8B	10
11	20.4B	16.3B	15.9B	15.6B	17.8B	957	178	223	278	105 B	47.3B	26.5B	11
12	20.4B	16.2B	15.8B	15.6B	18.1B	826	160	203	314	103 B	44.0B	26.3B	12
13	20.3B	16.1B	15.6B	15.6B	18.2B	776	152	184	315	101 B	42.2B	25.7B	13
14	20.6B	16.0B	15.5B	15.4B	18.3B	710	145	186	300	100 B	40.6B	25.2B	14
15	20.9B	16.0B	15.5B	15.5B	18.4B	646	138	149	288	98.0B	40.1B	24.6B	15
16	21.0B	16.0B	15.5B	15.6B	18.5B	624	139	136	273	96.0B	39.0B	24.0B	16
17	20.7B	16.0B	15.4B	15.6B	18.7B	634	137	127	264	93.5B	38.2B	23.3B	17
18	19.6B	16.0B	15.2B	15.7B	19.0B	717	133	121	233	89.2B	37.6B	23.0B	18
19	18.0B	16.0B	15.3B	15.6A	19.4B	1 230	140	116	222	87.1B	36.7B	22.6B	19
20	18.0B	16.1B	15.4B	15.9B	20.0B	1 610	160	111	218	84.0B	36.0B	22.2B	20
21	18.2B	16.2B	15.4B	16.0B	21.0B	1 280	221	107	211	80.8B	35.4B	21.7B	21
22	18.0B	16.4B	15.5B	16.1B	22.0B	1 010	216	103	184	77.5B	34.6B	21.4B	22
23	17.0B	16.5B	15.5B	16.2B	22.6B	884	202	98.5	182	76.0B	34.1B	21.2B	23
24	16.0B	16.6B	15.4B	16.1B	24.0B	911	183	84.2	178	74.8B	33.5B	20.8B	24
25	16.3B	16.4B	15.3B	16.0B	25.5B	1 050	174	81.8	167	72.8B	32.0B	20.4B	25
26	16.2B	16.3B	15.3B	16.1B	27.0E	1 010	174	80.1	155	71.8B	32.0B	20.0B	26
27	16.3B	16.1B	15.2B	15.2B	50.0E	873	172	81.1	179	71.0B	31.5B	19.8B	27
28	16.2B	16.0B	15.3B	16.2B	100 E	743	168	85.0	184	70.5B	31.1B	19.8B	28
29	16.1B		15.3B	16.3B	200 E	630	163	108	196	69.4B	30.7B	19.5B	29
30	16.1B		15.2B	16.3B	700 E	538	156	114	172	66.3B	30.2B	19.4B	30
31	16.0B		15.1B		1 200 E		148	124		67.3B		19.3B	31
TOTAL	626.5	469.4	483.1	472.4	2 844.5	37 773	6 534	4 885.6	7 057	2 978.2	1 311.9	780.4	TOTAL
MEAN	20.2	16.4	15.6	15.7	91.8	1 260	211	158	235	96.1	43.7	24.2	MEAN
MAX	25.0	17.8	16.2	16.3	1 200	3 350	476	303	315	140	65.5	30.0	MAX
MIN	17.0	16.0	15.1	15.2	16.2	538	133	80.1	155	67.3	30.2	19.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 3 350E ON JUN 3
MINIMUM DAILY, 15.1B ON MAR 31
MAXIMUM INSTANTANEOUS,
3 420 ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 50 N
LONG 139 53 00 W
DRAINAGE AREA, 56 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 300	JUL	585 000
FEB	39 700	AUG	423 000
MAR	41 700	SEP	610 000
APR	40 800	OCT	257 000
MAY	245 000	NOV	113 000
JUN	3 250 000	DEC	64 800

TOTAL DISCHARGE, 5 730 000 dam³

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21 3B	15 8B	14 1B	14 0B	14 1B	2 000E	271	117	207	108 B	56.8B	28.1B	1
2	20 9B	15 8B	14 1B	14 0B	14 2B	3 110E	239	149	201	105 B	55.2B	27.8B	2
3	19 7B	15 6B	14 2B	14 1B	14 3B	3 300E	217	273	204	102 B	53.4B	27.6B	3
4	19 5B	15 2B	14 2B	14 1B	14 4B	3 600E	195	281	233	99.0B	52.1B	27.3B	4
5	19 2B	15 0B	14 3B	14 0B	14 6B	3 550E	173	236	209	95.4B	50.8B	27.0B	5
6	19 1B	14 9B	14 2B	13 9B	14 8B	3 230E	156	212	185	93.8B	49.5B	26.8B	6
7	19 0B	14 7B	14 2B	13 8B	14 9B	3 000E	142	231	188	92.6B	48.5B	26.6B	7
8	18 7B	14 6B	14 2B	13 9B	15 0B	700E	133	232	185	90.7B	46.8B	26.3B	8
9	18 5B	14 7B	14 3B	14 0B	15 0B	550E	124	219	184	88.8B	45.0B	26.0B	9
10	18 1B	14 6B	14 2B	14 0B	15 1B	457A	116	186	189	87.6B	41.2B	25.7B	10
11	18 0B	14 5B	14 2B	13 9B	15 1B	413	108	178	224	86.3B	40.0B	25.3B	11
12	18 1B	14 4B	14 3B	13 9B	15 2B	403	103	189	226	85.2B	39.0B	24.8B	12
13	18 1B	14 3B	14 3B	13 9B	15 4B	358	99.3	195	217	84.3B	38.0B	24.3B	13
14	18 2B	14 2B	14 2B	14 0B	15 5B	318	101	133	206	83.0B	37.2B	24.0B	14
15	18 3B	14 3B	14 1B	14 0B	15 8B	305	103	125	190	79.0B	36.6B	23.8B	15
16	18 0B	14 4B	14 1B	14 0B	16 0B	335	103	120	173	78.1B	36.0B	23.2B	16
17	17 7B	14 3B	14 0B	14 0B	16 5B	358	105	115	163	75.6B	35.0B	22.8B	17
18	17 1B	14 3B	14 0B	14 0B	16 8B	722	124	112	151	73.6B	34.2B	22.2B	18
19	16 8B	14 4B	14 0B	14 0B	17 0B	1 330	156	106	142	72.0B	33.5B	21.7B	19
20	16 4B	14 5B	13 9B	14 0B	17 6B	1 050	187	105	157	70.7B	33.0B	21.3B	20
21	16 2B	14 6B	13 9B	14 1B	18 0B	782	177	103	146	68.0B	32.6B	21.0B	21
22	16 1B	14 7B	13 9B	14 1B	18 5B	627	156	101	143	67.2B	32.0B	20.6B	22
23	16 0B	14 6B	13 9B	14 2B	19 0B	534	144	98.6	143	65.6B	31.6B	20.3B	23
24	15 9B	14 7B	13 9B	14 3B	20 0B	786	140	97.5	1408	64.5B	31.0B	20.1B	24
25	15 9B	14 6B	14 0B	14 4B	20 5B	785	144	97.2	1388	64.0B	30.4B	20.0B	25
26	15 9B	14 5B	14 0B	14 4B	21 0E	675	145	98.2	1758	63.2B	30.0B	19.6B	26
27	15 6B	14 4B	14 0B	14 3B	22 0E	544	143	108	1708	62.0B	29.4B	19.6B	27
28	15 6B	14 2B	14 0B	14 2B	24 0E	433	136	113	1308	61.4B	29.0B	19.4B	28
29	15 6B		14 0B	14 2B	35 0E	348	129	116	1198	60.0B	28.6B	19.3B	29
30	15 7B		14 0B	14 2B	220 E	303	121	125	1128	59.2B	28.4B	19.2B	30
31	15 7B		14 0B		1 000 E		116	143		58.0B		19.0B	31
TOTAL	545.2	410 8	436 8	422.0	1 726.3	28 282	4 822.2	4 645.7	5 330	2 445.7	1 157.8	720.9	TOTAL
MEAN	17 6	14 7	14 1	14.1	55 7	943	148	150	178	78 9	38.6	23.3	MEAN
MAX	21 3	15 8	14 3	14.4	1 000	3 110	271	281	281	108	56.8	28.1	MAX
MIN	15 7	14 3	13 9	13.9	14.1	303	99.2	97.2	112	58.0	28.4	19.0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 133
MAXIMUM DAILY, 3 110E ON JUN 2
MINIMUM DAILY, 13.9B ON MAR 20
MAXIMUM INSTANTANEOUS,
3 170 ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 38 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 100	JUL	391 000
FEB	35 500	AUG	402 000
MAR	37 700	SEP	481 000
APR	36 500	OCT	211 000
MAY	149 000	NOV	100 000
JUN	2 270 000	DEC	62 300

TOTAL DISCHARGE, 4 200 000 dam³

QUIET LAKE AT KILOMETRE 98 SOUTH CANOL ROAD - STATION NO. 09AG002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	7.124	7.283	7.033	6.925	6.838	6.785	6.700	1
2	---	---	---	---	---	7.203	7.249	7.027	6.923	6.833	6.765	6.700	2
3	---	---	---	---	---	7.267	7.247	7.026	6.923	6.837	6.783	6.697A	3
4	---	---	---	---	---	7.287	7.241	7.023	6.925	6.830	6.758	---	4
5	---	---	---	---	---	7.304	7.242	7.015	6.921	6.830	6.758	---	5
6	---	---	---	---	6.843A	7.317	7.242	7.010	6.908	6.826	6.748	---	6
7	---	---	---	---	6.849	7.325	7.237	6.998	6.906	6.819	6.748	---	7
8	---	---	---	---	6.860	7.333	7.233	6.995	6.903	6.810	6.746	---	8
9	---	---	---	---	6.871	7.335	7.218	6.987	6.902	6.802	6.743	---	9
10	---	---	---	---	6.888	7.337	7.202	6.989	6.898	6.800	6.741	---	10
11	---	---	---	---	6.704	7.348	7.188	6.983	6.893	6.789	6.735	---	11
12	---	---	---	---	6.722	7.354	7.180	6.983	6.890	6.802	6.738	---	12
13	---	---	---	---	6.741	7.349	7.182	6.978	6.892	6.795	6.739	---	13
14	---	---	6.842A	---	6.765	7.345	7.172	6.973	6.888	6.788	6.734	---	14
15	---	---	---	---	6.785	7.343	7.167	6.959	6.883	6.788	6.731	---	15
16	---	---	---	---	6.810	7.348	7.158	6.958	6.878	6.783	6.730	---	16
17	---	---	---	---	6.824	7.341	7.151	6.958	6.875	6.784	6.731	---	17
18	---	---	---	---	6.835	7.337	7.145	6.955	6.870	6.787	6.736	---	18
19	---	---	---	---	6.848	7.338	7.139	6.953	6.885	6.792	6.728	---	19
20	---	---	---	---	6.857	7.335	7.132	6.958	6.888	6.790	6.720	---	20
21	---	---	---	---	6.885	7.332	7.118	6.954	6.886	6.787	6.719	---	21
22	---	---	---	---	6.874	7.330	7.109	6.947	6.883	6.790	6.717	---	22
23	---	---	---	---	6.883	7.322	7.102	6.948	6.883	6.786	6.718	---	23
24	---	---	---	---	6.888	7.313	7.087	6.944	6.884	6.783	6.719	---	24
25	---	---	---	---	6.892	7.309	7.083	6.942	6.887	6.785	6.710	---	25
26	---	---	---	---	6.898	7.300	7.072	6.937	6.842	6.781	6.710	---	26
27	---	---	---	---	6.901	7.300	7.064	6.938	6.840	6.780	6.705	---	27
28	---	---	---	---	6.910	7.294	7.059	6.938	6.838	6.781	6.707	---	28
29	---		---	---	6.933	7.282	7.059	6.936	6.834	6.780	6.709	---	29
30	---		---	---	6.958	7.275	7.050	6.932	6.839	6.774	6.702	6.677A	30
31	---		---		7.033		7.044	6.928		6.768		---	31
MEAN	---	---	---	---	---	7.311	7.158	6.971	6.881	6.788	6.732	---	MEAN
MAX	---	---	---	---	---	7.354	7.283	7.033	6.925	6.838	6.765	---	MAX
MIN	---	---	---	---	---	7.124	7.044	6.928	6.834	6.768	6.702	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.354 ON JUN 12

MAXIMUM INSTANTANEOUS,
7.358 AT 18:02 YST ON JUN 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 35 N
LONG 133 04 50 W

A - MANUAL GAUGE

NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO 09AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 5B	11 A B	8 10B	6 70B	32 0B	662	187	88 B	102	84 1	23 B	17 5B	1
2	10 1B	11 A B	7 80B	6 90B	35 5B	609	155	87 B	97 B	82 6	23 4	17 3B	2
3	17 3B	11 9 B	7 60B	7 00B	40 0B	556	144	88 3	94 B	82 B	22 8B	17 0B	3
4	10 5B	11 7 B	7 65B	7 10B	46 0B	586	133	71 3A	93 6	84 7	22 0B	16 8B	4
5	15 4B	11 6 B	7 60B	7 20B	51 7A	582	120	73 B	94 4	85 7	21 3B	16 0B	5
6	15 2B	11 7 B	7 30B	7 30B	52 2	469	115	74 7	97 3	84 B	21 0B	14 8B	6
7	14 9B	11 A B	7 00B	7 40B	52 2	378	104	73 B	107	83 4	20 8B	14 0B	7
8	14 7B	11 7 B	6 90B	7 35B	107	337A	102	72 B	110	80 9	20 5B	13 4B	8
9	14 6B	11 4 B	6 85B	7 30B	117	322A	95 3	71 4	108	81 3	20 4B	13 2B	9
10	14 5B	11 2 B	6 80B	7 20B	141	284	87 B	69 5	104	99 5	20 5B	13 1B	10
11	14 6B	11 1 B	6 80B	7 30B	184	269	82 B	68 0	98 4	97 2	20 7B	13 2B	11
12	14 7B	11 0 B	6 75B	7 35B	209	273	80 B	67 6	93 5	93 B	20 9B	13 3B	12
13	14 5B	10 7 B	6 70B	7 60B	230	280	84 4	70 B	88 2	93 7	21 0B	13 5B	13
14	14 3B	10 0 B	6 70B	7 70B	237	275	88 5	78 6	85 5	49 4	21 1B	13 4B	14
15	14 2B	9 30B	6 65B	7 90B	220	264	117	88 0	84 4	47 4	20 9B	13 3B	15
16	14 4B	9 60B	6 60B	8 10B	219	255	130	85 B	85 4	46 5	20 7B	13 2B	16
17	14 5B	9 50B	6 55B	8 50B	237	251	128	101	88 6	36 8	20 2B	13 0B	17
18	14 6B	9 40B	6 55B	9 00B	256	246	124	107	88 2	36 8	19 6B	13 1B	18
19	14 7B	9 45B	6 50B	9 60B	275	241	121	114	83 5	36 0B	19 7B	13 0B	19
20	14 6B	9 45B	6 90B	10 3 B	268	236	122	122	80 6	35 7B	19 6B	12 8B	20
21	14 4B	9 50B	6 45B	11 5 B	255	227	120	124	77 6	35 2B	19 5B	12 5B	21
22	14 2B	9 55B	6 40B	12 4 B	245	219	114	122	76 2	34 2B	19 4B	12 2B	22
23	14 0B	9 60B	6 35B	13 2 B	230	213	107	118	73 0	32 6B	19 2B	12 2B	23
24	13 0B	9 55B	6 30B	14 4 B	208	209	100	121	70 8	31 4B	19 0B	12 3B	24
25	12 7B	9 50B	6 25B	15 0 B	194	203	94 9	120	71 0	30 7	18 8B	12 4B	25
26	12 5B	9 45B	6 20B	17 8 B	198	199	88 8	117	73 3	27 8	18 0B	12 4B	26
27	13 4B	9 40B	6 30B	20 0 B	244	192	86 1	117	76 2	26 4	17 8B	12 2B	27
28	12 3B	9 30B	6 35B	22 0 B	265	185	81 1	116	73 6	25 9	17 7B	11 9B	28
29	12 3B		6 40B	25 0 B	274	181	77 5	116	66 7	25 3	17 7B	11 8B	29
30	12 2B		6 50B	27 5 B	307	178	76 6	112	66 9	24 6	17 6B	11 7B	30
31	12 0B		6 50B		367		71 3	107		24 0		11 9B	31
TOTAL	448 1	279 1B	210 00	334 5B	5 809 6	9 001	3 336 2	3 016 1	2 601 5	1 402 4	605.8	418.4	TOTAL
MEAN	14 5	9 97	6 77	11 2	187	300	108	84 1	86 7	45 2	20.2	13.5	MEAN
MAX	18 5	11 5	8 10	27 5	367	568	187	124	110	86.7	23 5	17 5	MAX
MIN	12 0	8.30	6 20	6 70	32 0	178	71 3	67 6	66 7	24.0	17.6	11 7	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.0
MAXIMUM DAILY, 536 ON JUN 4
MINIMUM DAILY, 6.20B ON MAR 26
MAXIMUM INSTANTANEOUS,
592 AT 11 02 YST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 40 N
LONG 132 32 40 W
DRAINAGE AREA, 7 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 700	JUL	288 000
FEB	24 100	AUG	252 000
MAR	18 100	SEP	225 000
APR	28 900	OCT	121 000
MAY	502 000	NOV	52 300
JUN	778 000	DEC	36 100

TOTAL DISCHARGE, 2 260 000 dam³

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 09AA007

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.059E	2.071A	2.086E	2.145E	2.186	2.236E	2.384	2.374	2.478	2.282	2.139	2.087	1
2	2.059E	2.072E	2.087E	2.148E	2.192	2.247E	2.359	2.373	2.466	2.278	2.137	2.083	2
3	2.059E	2.073E	2.090E	2.150E	2.195	2.264E	2.356	2.376	2.462	2.286	2.131	2.081	3
4	2.060E	2.076E	2.101E	2.152E	2.195	2.280E	2.373	2.370	2.456	2.259	2.133	2.046	4
5	2.060E	2.077E	2.103E	2.154A	2.195	2.293E	2.377	2.374	2.459	2.259	2.122	2.085	5
6	2.060E	2.080E	2.104E	2.154E	2.194	2.304E	2.389	2.377	2.451	2.263	2.113	2.047	6
7	2.061E	2.078E	2.106E	2.154E	2.193	2.320E	2.402	2.371	2.448A	2.236	2.108	2.047E	7
8	2.061E	2.078E	2.107E	2.154E	2.194	2.324E	2.382	2.383	2.439	2.226	2.098	2.048E	8
9	2.060E	2.078E	2.108E	2.155E	2.196	2.325E	2.374	2.380	2.433	2.230	2.094	2.049E	9
10	2.060E	2.080E	2.110E	2.155E	2.203	2.328E	2.366	2.408	2.427	2.248	2.090	2.048E	10
11	2.060E	2.078E	2.112E	2.156E	2.205	2.331E	2.367	2.435	2.426	2.246	2.092	2.050E	11
12	2.059E	2.080E	2.116E	2.156E	2.207	2.333E	2.368	2.467	2.420	2.221	2.093	2.052E	12
13	2.059E	2.078E	2.118E	2.157E	2.208	2.338E	2.371	2.474	2.413	2.213	2.098	2.051E	13
14	2.059A	2.080E	2.119E	2.157E	2.207	2.341E	2.371	2.482	2.404	2.210	2.092	2.052E	14
15	2.059E	2.081E	2.119E	2.157E	2.210	2.350E	2.371	2.492	2.392	2.204	2.088	2.053E	15
16	2.059E	2.082E	2.120E	2.158E	2.214	2.352E	2.381	2.506	2.383	2.198	2.084	2.054E	16
17	2.058E	2.083E	2.121E	2.158E	2.215	2.355E	2.384	2.512	2.383	2.202	2.080	2.055E	17
18	2.058E	2.085E	2.126E	2.158E	2.215	2.370E	2.406	2.528	2.373	2.198	2.073	2.056E	18
19	2.057E	2.088E	2.128E	2.158E	2.217	2.378E	2.402	2.541	2.374	2.194	2.083	2.057E	19
20	2.057E	2.092E	2.127E	2.158E	2.216	2.379E	2.438	2.547	2.379	2.194	2.080	2.058E	20
21	2.057A	2.084E	2.128E	2.159E	2.215	2.362E	2.413	2.552	2.372	2.180	2.081	2.058E	21
22	2.058E	2.085E	2.130E	2.159E	2.223	2.384A	2.415	2.542	2.360	2.193	2.073	2.060E	22
23	2.058E	2.084E	2.133E	2.159E	2.231	2.383	2.416	2.546	2.343	2.177	2.070	2.062E	23
24	2.061E	2.093E	2.134E	2.159E	2.237	2.380	2.414	2.536	2.314	2.171	2.068	2.063E	24
25	2.062E	2.094E	2.136E	2.159E	2.236	2.381	2.416	2.521	2.293	2.168	2.066	2.064E	25
26	2.063E	2.093E	2.137E	2.160E	2.209	2.376	2.412	2.511	2.286	2.168	2.062	2.065E	26
27	2.065E	2.092E	2.138E	2.160E	2.204	2.371	2.418	2.504	2.283	2.168	2.061	2.066E	27
28	2.066E	2.093E	2.140E	2.160E	2.202	2.367	2.411	2.498	2.281	2.164	2.055	2.067A	28
29	2.068E		2.141E	2.160A	2.204E	2.361	2.398	2.495	2.287	2.153	2.063	2.067E	29
30	2.069E		2.143E	2.174	2.209E	2.354	2.390	2.493	2.294	2.165	2.073	2.066E	30
31	2.070E		2.144E		2.221E		2.377	2.482		2.165		2.065E	31
MEAN	2.061	2.084	2.121	2.157	2.208	2.339	2.390	2.485	2.366	2.208	2.088	2.057	MEAN
MAX	2.070	2.095	2.144	2.174	2.237	2.384	2.439	2.552	2.478	2.282	2.139	2.067	MAX
MIN	2.057	2.071	2.095	2.145	2.186	2.236	2.356	2.363	2.281	2.148	2.051	2.045	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.214
MAXIMUM DAILY, 2.552 ON AUG 21
MINIMUM DAILY, 2.045 ON DEC 4
MAXIMUM INSTANTANEOUS,
2.556 AT 22:07 YST ON AUG 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 25 N
LONG 137 33 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 09AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0298	0B	0B	0 B	4.38	8.37	8.85	9.92	12.4	7.88	3.638	2.318	1
2	0.0278	0B	0B	0 B	4.34	9.35	9.04	9.85	12.0	7.75	3.588	2.308	2
3	0.0228	0B	0B	0 B	4.40	11.3	9.14	9.54	11.8	7.79	3.508	2.268	3
4	0.0198	0B	0B	0 B	4.37	12.4	8.98	9.57	11.6	7.58	3.458	2.228	4
5	0.0148	0B	0B	0 B	4.42	12.8	9.07	9.47	11.6	7.43	3.388	2.178	5
6	0.0108	0B	0B	0 B	4.45	12.6	9.53	9.33	11.4	7.30	3.338	2.128	6
7	0.0088	0B	0B	0 B	4.43	12.4	9.54	9.13	11.3	8.56	3.308	2.108	7
8	0.0068	0B	0B	0 B	4.52	12.3	9.82	9.02	11.1	8.82	3.268	2.058	8
9	0.0078	0B	0B	0 B	4.58	12.1	9.65	8.83	11.0	8.60	3.238	2.018	9
10	0.0058	0B	0B	0.0108	4.66	11.8	9.20	9.00	10.8	8.81	3.208	2.008	10
11	0.0058	0B	0B	0.0158	4.70	11.5	9.00	8.92	10.6	7.22	3.158	1.958	11
12	0.0048	0B	0B	0.0208	4.71	11.2	8.91	10.9	10.5	6.28	3.118	1.928	12
13	0.0028	0B	0B	0.0248	4.70	10.8	9.12	12.0	10.4	6.00	3.098	1.918	13
14	0 B	0B	0B	0.0278	4.57	10.6	9.20	12.8	10.3	5.93	3.008	1.898	14
15	0 B	0B	0B	0.0288	4.59	10.4	9.30	12.9	10.0	5.92	2.928	1.878	15
16	0 B	0B	0B	0.0348	4.64	9.99	9.27	13.3	9.78	6.81	2.858	1.858	16
17	0 B	0B	0B	0.0448	4.77	9.71	9.24	13.7	9.72	6.73	2.788	1.828	17
18	0 B	0B	0B	0.0538	4.87	9.74	9.50	14.0	9.61	6.58	2.708	1.808	18
19	0 B	0B	0B	0.0858	4.95	9.78	9.95	14.3	9.58	6.50	2.878	1.788	19
20	0 B	0B	0B	0.1108	4.86	9.80	10.5	14.6	9.62	6.20	2.838	1.738	20
21	0 B	0B	0B	0.1408	4.75	9.70	10.5	14.8	9.58	4.96	2.808	1.718	21
22	0 B	0B	0B	0.1808	4.80	9.65	10.8	14.8	9.25	5.17	2.588	1.698	22
23	0 B	0B	0B	0.2408	5.02	9.60	10.9	14.5	8.92	4.83	2.538	1.658	23
24	0 B	0B	0B	0.3608	5.11	9.49	11.0	14.6	8.47	4.44	2.518	1.628	24
25	0 B	0B	0B	0.5008	5.23	9.43	10.9	14.3	8.28	4.29	2.468	1.608	25
26	0 B	0B	0B	0.5008	5.17	9.27	10.8	13.8	8.03	4.23	2.418	1.588	26
27	0 B	0B	0B	1.60 E	5.05	9.19	10.9	13.6	8.05	4.008	2.398	1.568	27
28	0 B	0B	0B	2.70 E	4.96	9.04	10.8	13.3	7.95	3.858	2.328	1.538	28
29	0 B		0B	3.90 A	5.03	8.83	10.7	13.1	7.99	3.908	2.328	1.528	29
30	0 B		0B	4.52	5.56	8.65	10.4	12.9	8.33	3.758	2.318	1.508	30
31	0 B		0B		5.96		10.1	12.7		3.688		1.488	31
TOTAL	0.181	0	0	15.816	149.63	311.79	304.85	374.06	300.04	178.31	87.17	57.50	TOTAL
MEAN	0.005	0	0	0.527	4.83	10.4	9.83	12.1	10.0	5.75	2.91	1.85	MEAN
MAX	0.029	0	0	4.52	5.96	12.8	11.0	14.8	12.4	7.88	3.82	2.31	MAX
MIN	0	0	0	0	4.34	8.37	8.85	8.83	7.95	3.68	2.31	1.48	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 14.8 ON AUG 21
MINIMUM DAILY, 0B ON JAN 14
MAXIMUM INSTANTANEOUS,
14.9 AT 20:21 YST ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 50 N
LONG 137 31 57 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.9	JUL	28 300
FEB	0	AUG	32 300
MAR	0	SEP	25 900
APR	1 350	OCT	15 500
MAY	13 900	NOV	7 530
JUN	26 900	DEC	4 970

TOTAL DISCHARGE, 164 000 dam³

SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD - STATION NO. 09AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.970B	0.880B	0.870B	0.845B	1.48E	56.6	9.67	3.30	3.61	3.388	2.108	1.688	1
2	0.930B	0.850B	0.845B	0.840B	1.78E	41.3	7.01	3.15	3.71	3.308	2.068	1.688	2
3	0.900B	0.850B	0.830B	0.830B	2.08E	31.6	7.91	3.13	4.92	3.258	2.038	1.638	3
4	0.875B	0.880B	0.810B	0.830B	2.35E	23.7	8.02	4.57	4.92	3.208	1.988	1.598	4
5	0.835B	0.875B	0.805B	0.840B	2.75E	20.3	7.50	3.97	5.72	3.158	1.958	1.548	5
6	0.840B	0.885B	0.800B	0.850B	3.26A	16.9	9.92	3.52	4.97	3.128	1.928	1.488	6
7	0.830B	0.875B	0.805B	0.845B	4.80	18.0	8.02	3.27	4.51	3.108	1.908	1.388	7
8	0.805B	0.865B	0.815B	0.840B	5.88	14.7	7.23	3.06	4.16	3.058	1.888	1.348	8
9	0.775B	0.855B	0.820B	0.845B	6.62	13.0	6.33	2.97	4.03	2.958	1.888	1.328	9
10	0.750B	0.835B	0.835B	0.840B	8.04	12.4	5.90	3.26	3.92	2.838	1.888	1.338	10
11	0.745B	0.840B	0.850B	0.850B	9.11	14.0	5.57	4.12	3.79	2.808	1.878	1.348	11
12	0.770B	0.830B	0.855B	0.860B	10.6	12.1	5.16	3.87	3.68	2.778	1.898	1.368	12
13	0.790B	0.810B	0.845B	0.880B	10.9	10.4	5.51	3.66	4.08	2.738	1.908	1.388	13
14	0.820B	0.790B	0.840B	0.700B	11.8	9.50	5.94	3.38	4.03	2.688	1.918	1.408	14
15	0.850B	0.780B	0.850B	0.710B	13.9	9.72	6.27	3.27	4.08	2.628	1.928	1.378	15
16	0.880B	0.740B	0.880B	0.705B	15.4	11.1	5.36	4.09	4.02	2.808	1.908	1.338	16
17	0.905B	0.720B	0.870B	0.710B	14.7	8.90	4.76	3.60	3.99	2.558	1.878	1.328	17
18	0.850B	0.740B	0.880B	0.720B	10.8	9.08	4.51	2.70	3.89	2.538	1.838	1.358	18
19	0.800B	0.750B	0.830B	0.710B	7.85	8.88	4.48	4.08	3.66	2.528	1.838	1.378	19
20	0.750B	0.780B	0.810B	0.710B	8.04	9.38	4.30	4.54	3.63	2.508	1.838	1.338	20
21	0.730B	0.785B	0.800B	0.730B	10.8	8.80	3.85	3.83	3.80	2.468	1.828	1.288	21
22	0.690B	0.780B	0.795B	0.740B	10.2	8.13	3.84	3.70	3.78	2.458	1.808	1.268	22
23	0.650B	0.765B	0.785B	0.810E	11.3	7.36	3.80	4.10	3.74	2.458	1.798	1.248	23
24	0.645B	0.740B	0.760B	0.830E	9.11	7.11	3.92	4.85	3.80	2.438	1.788	1.278	24
25	0.680B	0.735B	0.775B	0.850E	8.32	8.02	3.39	4.34	3.83	2.408	1.778	1.288	25
26	0.730B	0.725B	0.780B	0.910E	7.72	8.88	3.34	4.09	3.85A	2.358	1.728	1.238	26
27	0.790B	0.710B	0.790B	0.870E	8.84	9.95	3.26	4.84	3.80B	2.308	1.718	1.208	27
28	0.810B	0.690B	0.800B	1.06 E	8.82	8.10	3.33	4.35	3.50B	2.268	1.708	1.188	28
29	0.830B		0.815B	1.15 E	17.3	8.95	3.18	3.94	3.45B	2.238	1.718	1.158	29
30	0.840B		0.831B	1.25 E	27.5	8.90	3.03	3.89	3.40B	2.208	1.708	1.148	30
31	0.858B		0.840B		48.8		2.97	3.86		2.158		1.158	31
TOTAL	24.930	22.244	19.286	22.740	319.60	431.84	164.98	117.62	119.45	83.32	55.86	41.86	TOTAL
MEAN	0.804	0.794	0.622	0.758	10.3	14.4	5.32	3.79	3.98	2.69	1.86	1.35	MEAN
MAX	0.970	0.885	0.870	1.25	48.8	56.6	9.92	4.85	5.72	3.35	2.10	1.69	MAX
MIN	0.645	0.690	0.575	0.630	1.48	8.90	2.97	2.97	3.40	2.15	1.70	1.14	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.90
MAXIMUM DAILY, 56.6 ON JUN 1
MINIMUM DAILY, 0.575B ON MAR 25
MAXIMUM INSTANTANEOUS,
56.6 AT 15:12 YST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 05 N
LONG 133 03 15 W
DRAINAGE AREA, 272 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 150	JUL	14 300
FEB	1 920	AUG	10 200
MAR	1 670	SEP	10 300
APR	1 980	OCT	7 200
MAY	27 800	NOV	4 830
JUN	37 300	DEC	3 620

TOTAL DISCHARGE, 123 000 dam³

SNAKE RIVER NEAR THE MOUTH - STATION NO 10MD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 4 B	8 950	8 600	7 580	7 180	2 010	322	220	188	182	49 00	21 40	1
2	10 2 B	9 000	8 520	7 530	1 380	214	214	172	318	44 00	21 40	21 20	2
3	9 900	9 000	8 300	7 420	7 600	806	203	220	237	266	44 00	21 20	3
4	9 700	9 050	8 150	7 600	7 680	668	189	217	248	200	43 20	20 90	4
5	9 600	9 100	8 100	7 800	7 900	339	178	246	230	170	44 10	20 30	5
6	9 600	9 100	8 120	7 640	8 180	340	170	237	209	165	43 70	19 20	6
7	9 800	9 150	8 340	7 640	8 540	381	160	226	190	137	43 50	17 60	7
8	9 830	9 200	8 350	7 600	8 920	328	151	218	178	130	42 10	16 70	8
9	9 800	9 100	8 380	7 600	10 5 B	319	144	200	165	114 B	39 00	15 90	9
10	9 400	9 000	8 250	7 800	12 7 B	353	142	213	154	104 B	37 80	15 40	10
11	9 300	8 900	8 300	7 500	15 4 B	339	151	1 170	146	97 20	37 40	14 60	11
12	9 350	8 700	8 300	7 620	20 0 B	414	162	751	140	95 10	37 10	14 40	12
13	9 400	8 500	8 300	7 620	25 0 B	389	188	601	133	93 10	36 60	14 10	13
14	9 900	8 400	8 400	7 500	31 1 B	326	192	371	129	85 40	36 20	13 90	14
15	10 1 B	8 400	8 500	7 400	39 1 B	304	170	299	127	85 10	34 90	13 90	15
16	10 2 B	8 300	8 600	7 300	47 6 B	308	180	266	125	80 00	33 80	13 60	16
17	10 3 B	8 100	8 700	7 250	59 9 B	387	234	246	130	76 00	31 30	13 50	17
18	10 2 B	8 200	8 650	7 180	74 1 B	407	214	233	135	72 20	31 00	13 20	18
19	10 0 B	8 250	8 600	7 050	91 7 B	347	187	217	143	69 10	30 40	12 90	19
20	9 800	8 350	8 400	7 020	112 B	316	178	201	139	66 60	29 40	12 90	20
21	9 650	8 400	8 300	6 950	139 B	330	183	187	133	63 90	27 90	12 60	21
22	9 600	8 430	8 050	6 850	174 B	358	170	175	147	61 40	26 90	13 70	22
23	9 400	8 500	8 000	6 820	218 B	362	166	185	178	59 50	26 30	13 60	23
24	9 100	8 650	8 000	6 800	268 B	331	178	158	160	58 20	26 20	13 50	24
25	9 200	8 950	7 800	6 780	325 B	284	225	152	137	57 50	25 60	12 10	25
26	9 300	8 700	7 700	6 780	400 B	275	240	148	122	57 00	23 70	11 80	26
27	9 400	8 500	7 600	6 800	500 B	255	221	146	107	56 70	22 80	11 30	27
28	9 650	8 500	7 400	6 850	618 B	267	207	144	102	55 40	22 60	10 90	28
29	9 600		7 450	6 900	770 B	285	198	147	104	54 20	22 50	10 70	29
30	9 600		7 520	7 000	1 020 A	239	208	163	109	52 80	22 10	10 60	30
31	9 100		7 600		1 430		215	146		51 20		10 40	31
TOTAL	300 05	243 30	253 20	217 90	6 868 32	13 187	5 851	8 226	4 589	3 212 2	1 022 5	485.8	TOTAL
MEAN	9 65	8 69	8 17	7 26	221	439	189	265	153	104	34 1	16 7	MEAN
MAX	10 4	9 20	8 70	7 64	1 830	2 010	240	1 170	248	319	49 6	21 8	MAX
MIN	9 10	8 10	7 40	6 78	7 18	239	142	143	102	51 2	22 1	10 4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 2 010 ON JUN 1
MINIMUM DAILY, 6 780 ON APR 26
MAXIMUM INSTANTANEOUS,
2 240 AT 11 42 YST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 10 N
LONG 134 01 40 W

DRAINAGE AREA, 8 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 800	JUL	505 000
FEB	21 000	AUG	711 000
MAR	21 800	SEP	395 000
APR	18 800	OCT	275 000
MAY	593 000	NOV	88 300
JUN	1 140 000	DEC	39 400

TOTAL DISCHARGE, 3 840 000 dam³

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2768	0.2728	0.2788	0.2748	1.30	58.2	8.81	4.78	5.28	3.50E	1.82 B	0.8258	1
2	0.2728	0.2808	0.2788	0.2708	1.05	36.1	8.88	4.81	5.44	3.45E	1.73 B	0.8108	2
3	0.2708	0.2838	0.2788	0.2678	0.925	23.2	9.00	4.38	5.80	3.35E	1.70 B	0.8008	3
4	0.2708	0.2888	0.2778	0.2608	0.999	13.3	8.18	4.28	7.10	3.10E	1.68 B	0.8508	4
5	0.2708	0.2918	0.2758	0.2888	1.25	11.2	8.90	4.15	7.48	2.85E	1.81 B	0.8108	5
6	0.2688	0.2928	0.2728	0.2628	1.83	15.3	13.1	4.18	6.84	2.85E	1.58 B	0.4808	6
7	0.2688	0.2908	0.2728	0.2648	2.47	19.5	8.88	4.00	6.50	2.50E	1.47 B	0.4308	7
8	0.2658	0.2898	0.2758	0.2628	2.85	12.3	8.10	3.85	6.22	2.40E	1.34 B	0.4158	8
9	0.2628	0.2898	0.2808	0.2858	3.40	10.7	7.21	3.73	6.04	2.50E	1.31 B	0.4058	9
10	0.2658	0.2888	0.2848	0.2848	3.81	12.3	6.79	4.08	5.92	2.62E	1.29 B	0.4008	10
11	0.2648	0.2888	0.2908	0.2718	3.73	17.7	6.44	5.18	5.78	2.73E	1.27 B	0.3888	11
12	0.2688	0.2838	0.2958	0.2768	3.55	13.4	6.24	5.07	5.71	2.78E	1.26 B	0.3958	12
13	0.2648	0.2808	0.3008	0.2808	3.82	10.8	6.45	5.85	5.78	2.80E	1.22 B	0.3838	13
14	0.2628	0.2768	0.3088	0.2878	4.38	8.60	6.48	6.38	5.57	2.90E	1.18 B	0.3988	14
15	0.2658	0.2748	0.3108	0.2808	5.52	11.8	6.92	6.48	5.58	3.00E	1.18 B	0.3938	15
16	0.2708	0.2728	0.3088	0.2958	5.53	14.7	6.28	7.80	5.48	3.12E	1.12 B	0.3858	16
17	0.2688	0.2748	0.3078	0.3008	4.69	10.2	5.89	7.29	5.35	3.15E	1.06 B	0.3808	17
18	0.2658	0.2778	0.3088	0.3038	3.84	11.1	6.08	7.61	5.22	3.18E	1.02 B	0.3788	18
19	0.2808	0.2808	0.3038	0.3108	3.85	13.0	6.53	7.52	5.08	3.15E	0.9858	0.3808	19
20	0.2558	0.2838	0.3008	0.3228	4.27	14.1	6.18	7.05	5.12	3.17E	0.9408	0.3788	20
21	0.2618	0.2828	0.2978	0.3308	4.27	15.0	5.78	6.58	5.47A	3.18A	0.9208	0.3758	21
22	0.2688	0.2818	0.2948	0.3388	4.74	12.8	5.58	6.31	5.60E	3.12E	0.8908	0.3728	22
23	0.2658	0.2828	0.2908	0.3708	4.74	11.2	5.33	6.40	5.85E	3.00E	0.8808	0.3688	23
24	0.2638	0.2808	0.2848	0.4108	4.31	11.7	5.12	6.47	5.78E	2.78E	0.8508	0.3708	24
25	0.2618	0.2788	0.2828	0.488	4.18	11.7	4.98	6.15	5.70E	2.58E	0.7808	0.3758	25
26	0.2638	0.2778	0.2838	0.818	3.80	11.8	4.88	6.18	5.50E	2.42E	0.8908	0.3708	26
27	0.2658	0.2768	0.2858	1.80	3.62	11.2	4.82	6.18	4.80E	2.40E	0.8808	0.3858	27
28	0.2608	0.2768	0.2878	1.82	5.25	9.42	4.98	5.89	4.10E	2.38E	0.8508	0.3608	28
29	0.2558		0.2888	1.81	17.6	8.52	4.67	5.69	3.55E	2.33B	0.8458	0.3558	29
30	0.2628		0.2888	1.68	43.2	8.70	4.48	5.52	3.45E	2.28B	0.8408	0.3608	30
31	0.2668		0.2808		76.9		4.44	5.40		2.15B		0.3648	31
TOTAL	8.037	7.878	8.961	15.236	235.985	480.84	207.41	175.78	167.05	87.50	34.330	12.808	TOTAL
MEAN	0.259	0.281	0.289	0.508	7.81	15.0	6.69	5.70	5.57	2.82	1.14	0.413	MEAN
MAX	0.275	0.292	0.310	1.82	76.9	58.2	13.1	7.80	7.48	3.50	1.82	0.825	MAX
MIN	0.241	0.272	0.272	0.258	0.925	8.52	4.44	3.73	3.45	2.15	0.840	0.358	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 76.9 ON MAY 31
MINIMUM DAILY, 0.2418 ON JAN 25
MAXIMUM INSTANTANEOUS,
85.9 AT 01:42 YST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 10 N
LONG 134 22 15 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	894	JUL	17 880
FEB	881	AUG	15 300
MAR	774	SEP	14 400
APR	1 320	OCT	7 580
MAY	20 400	NOV	2 970
JUN	39 000	DEC	1 110

TOTAL DISCHARGE, 123 000 dam³

SOUTH MACMILLAN RIVER AT KILOMETRE 491 CANOL ROAD - STATION NO 09EB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 600	0 9350	0 5450	0 4100	1 150	166	80 6	41 8E	36 3	30 7	11 1 B	7 100	1
2	2 500	0 9300	0 5300	0 4050	1 450	170	74 7	40 8E	35 8	31 1	11 0 B	6 900	2
3	2 400	0 8600	0 5000	0 4030	1 700	120	69 4	39 5E	36 9	30 9	11 0 B	6 700	3
4	2 300	0 9700	0 4850	0 4000	2 000	83 0	63 0	37 3A	37 0	19 8	10 9 B	6 405	4
5	2 200	0 9550	0 4500	0 4060	2 350	78 1	59 4	33 5	38 0	16 3	10 6 B	6 900	5
6	2 120	0 9300	0 4450	0 4040	2 900	75 7	60 3	32 4	42 8	17 4	10 7 B	5 200	6
7	1 975	0 9100	0 4300	0 4100	3 400	77 9	59 3	31 9	37 6	16 7	10 6 B	4 900	7
8	1 900	0 9000	0 4200	0 4150	4 000	89 6	56 0	28 3	33 3	16 6	10 4 B	4 700	8
9	1 850	0 8800	0 4075	0 4200	4 700	83 7	54 5E	26 3	30 4	14 6	10 2 B	4 500	9
10	1 800	0 8600	0 4030	0 4250	5 600	82 7	54 0E	29 5	28 2	14 48	9 900	4 400	10
11	1 760	0 8350	0 4000	0 4300	6 600	77 4	53 8E	30 5	28 2	14 38	9 500	4 300	11
12	1 650	0 8200	0 4050	0 4400	7 700	80 5	54 0E	46 1	24 8	14 38	9 300	4 250	12
13	1 550	0 8050	0 4100	0 4450	9 000	83 4	54 8E	47 6	28 2	14 28	9 100	4 200	13
14	1 520	0 7700	0 4150	0 4500	10 5 B	81 9	57 0E	41 6	29 5	14 08	8 900	4 150	14
15	1 500	0 7100	0 4250	0 4600	12 5 B	86 0	46 0E	41 6	29 0	13 98	8 700	4 100	15
16	1 490	0 6700	0 4300	0 4700	15 5 B	94 2	50 0E	43 1	28 2	13 48	8 550	4 100	16
17	1 480	0 6400	0 4350	0 4800	18 0 B	93 5	59 0E	47 3	25 0	11 78	8 400	4 050	17
18	1 480	0 6300	0 4400	0 4900	21 0 B	93 4	58 0E	47 0	23 2	11 78	8 200	4 000	18
19	1 480	0 6200	0 4400	0 4950	25 0 B	102	57 0E	43 9	22 0	11 69	8 000	3 800	19
20	1 480	0 5950	0 4400	0 4970	25 0 B	99 3	56 0E	38 1	21 0	11 69	7 950	3 650	20
21	1 420	0 5900	0 4350	0 5200	25 1	101	55 0E	35 6	20 8	11 78	7 800	3 550	21
22	1 380	0 5900	0 4300	0 5450	26 2	116	53 0E	39 2	23 5	11 68	7 650	3 400	22
23	1 380	0 5850	0 4200	0 5500	24 3	121	51 0E	46 4	25 6	11 58	7 500	3 250	23
24	1 340	0 5800	0 4120	0 5800	27 1	110	50 0E	52 9	26 2	11 58	7 800	3 300	24
25	1 310	0 5700	0 4060	0 6000	33 3	110	49 0E	56 9	28 6	11 69	7 750	3 200	25
26	1 280	0 5650	0 4050	0 6400	41 1	111	47 0E	51 9	25 1	11 48	7 700	3 150	26
27	1 250	0 5550	0 4020	0 6700	46 4	105	46 5E	54 3	22 3	11 48	7 600	3 120	27
28	1 170	0 5500	0 4000	0 7600	54 3	98 1	45 0E	49 1	19 1	11 38	7 500	3 100	28
29	1 048		0 3970	0 8600	71 3	88 8	44 5E	42 3	20 4	11 28	7 350	3 060	29
30	1 010		0 4000	0 9800	106	84 1	43 0E	37 7	21 0	11 28	7 200	3 150	30
31	1 000		0 4050		134		42 5E	36 9		11 18		3 250	31
TOTAL	50 98	21 025	13 376	18 484	787 95	2 910 2	1 540 2	1 378 9	851 6	435 5	259 05	133 03	TOTAL
MEAN	1 63	0 751	0 431	0 515	25 4	97 0	49 7	41 3	28 4	14 0	8 99	4 29	MEAN
MAX	2 60	0 935	0 545	0 960	134	170	80 6	58 9	42 8	31 1	11 1	7 10	MAX
MIN	1 00	0 550	0 397	0 400	1 15	42 7	33 9	26 2	19 1	11 1	7 20	3 05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22 6
MAXIMUM DAILY, 170 ON JUN 2
MINIMUM DAILY, 0 3970 ON MAR 29
MAXIMUM INSTANTANEOUS,
177 AT 02:43 YST FN JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 55 30 N
LONG 130 32 30 W
DRAINAGE AREA, 897 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 380	JUL	133 000
FEB	1 820	AUG	110 000
MAR	1 160	SEP	73 600
APR	1 380	OCT	37 600
MAY	83 100	NOV	23 300
JUN	251 000	DEC	11 500

TOTAL DISCHARGE, 717 000 dam³

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0B	43.0B	36.0B	34.3B	74.0I	2 080	1 070	520	727	330	188 B	89.5B	1
2	44.3B	42.6B	36.7B	33.9B	92.0B	2 510	997	540	705	358	167 B	86.0B	2
3	43.8B	42.9B	35.2B	33.9B	113 B	2 880	940	589	694	380	158 B	87.2B	3
4	43.0B	43.2B	34.5B	34.0B	130 B	3 140	888	625	716	404	155 B	86.0B	4
5	42.8B	43.6B	33.3B	34.2B	170 B	3 010	834	652	733	404	155 B	84.0B	5
6	43.2B	44.0B	32.6B	34.5B	206 B	2 120	808	638	711	381	155 B	80.0B	6
7	43.6B	43.8B	31.0B	34.8B	242 B	1 780	785	602	678	358	154 B	85.2B	7
8	42.5B	43.7B	31.0B	34.6B	293 B	1 650	701	600	657	3248	153 B	72.4B	8
9	40.8B	43.2B	32.0B	34.6B	343 E	1 490	650	597	628	3048	154 B	85.1B	9
10	40.8B	42.8B	32.5B	34.2B	380 E	1 240	615	578	597	2858	153 B	83.3B	10
11	41.0B	41.9B	33.0B	34.0B	440 E	1 120	580	589	570	2808	153 B	80.0B	11
12	41.9B	40.6B	33.5B	33.9B	471 E	1 140	557	765	542	3818	152 B	87.8B	12
13	42.8B	39.2B	34.0B	33.8B	495 E	1 320	578	1 000	515	2808	159 B	86.8B	13
14	43.5B	38.3B	34.5B	34.0B	558 A	1 410	602	889A	493	2798	156 B	84.8B	14
15	44.0B	37.9B	35.0B	34.5B	565	1 310	570	858	480	2718	152 B	83.8B	15
16	45.0B	37.8B	35.0B	35.0B	630	1 320	548	780	471	2558	145 B	82.2B	16
17	46.0B	38.0B	35.2B	35.7B	690	1 390	532	778	480	2448	135 B	80.8B	17
18	47.5B	38.3B	36.5B	35.8B	689	1 440	528	810	445	2248	126 B	84.4B	18
19	48.0B	38.9B	36.0B	35.8B	646	1 380	527	818	426	2138	122 B	87.0B	19
20	48.6B	39.2B	36.3B	36.4B	623	1 380	520	786	407	2068	120 B	85.2B	20
21	48.6B	40.2B	35.0B	37.0B	642	1 360	523	767	380	1988	120 B	83.5B	21
22	48.0B	41.0B	35.0B	37.6B	657	1 340	528	711	378	1928	121 B	81.6B	22
23	47.0B	41.5B	35.5B	38.5B	623	1 440	522	711	378	1858	119 B	80.0B	23
24	46.5B	42.5B	35.3B	39.6B	581	1 580	518	728	384	1858	117 B	79.3B	24
25	46.0B	42.8B	34.7B	41.5B	549	1 640	511	763	420	1829	116 B	87.6B	25
26	46.2B	42.0B	34.2B	43.5B	532	1 400	504	825	486	1788	113 B	86.0B	26
27	46.8B	41.2B	33.6B	46.0B	758	1 350	508	848	458	1758	106 B	84.1B	27
28	46.8B	40.5B	33.1B	48.0B	855	1 300	495	837	385A	1728	102 B	83.1B	28
29	46.5B		33.5B	53.5B	980	1 280	478	848	339	1708	101 B	82.6B	29
30	45.8B		34.0B	60.0B	1 250	1 180	485	812	322	1708	99.0B	81.5B	30
31	45.0B		34.8B		1 650		505	788		1698		80.8B	31
TOTAL	1 391.1	1 153.6	1 087.0	1 138.3	17 014.0	48 790	19 388	22 731	15 578	8 088	4 205.0	1 788.8	TOTAL
MEAN	44.9	41.2	34.4	37.9	548	1 630	625	733	519	260	140	57.7	MEAN
MAX	48.8	44.0	36.0	60.0	1 650	3 140	1 070	1 000	733	408	188	89.5	MAX
MIN	40.8	37.8	31.9	33.8	74.0	1 120	478	520	322	149	99.0	30.8	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 390
MAXIMUM DAILY, 3 140 ON JUN 4
MINIMUM DAILY, 30.8B ON DEC 31
MAXIMUM INSTANTANEOUS,
3 300 AT 18:51 YST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 29 17 N
LONG 135 08 08 W
DRAINAGE AREA, 30 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	120 000	JUL	1 680 000
FEB	99 700	AUG	1 960 000
MAR	83 200	SEP	1 350 000
APR	88 300	OCT	698 000
MAY	1 470 000	NOV	363 000
JUN	4 220 000	DEC	155 000

TOTAL DISCHARGE, 12 300 000 dam³

YUKON TERRITORY

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75 00	81 00	71 00	59 00	2200	1 670	1 260	932	923	611	2090	154 B	1
2	75 00	80 00	68 00	58 00	2600	2 000	1 180	849	875	582	2070	152 B	2
3	73 00	80 00	67 00	58 00	3150	2 600	1 110	774	823	396	2060	148 B	3
4	72 00	81 00	65 00	58 00	3750	2 850	1 040	702	782	417	2050	147 B	4
5	72 00	82 00	63 00	58 00	4100	3 380	980	629	775	440	2020	144 B	5
6	73 00	83 00	61 00	58 00	438	3 790	930	667	780	497	2010	138 B	6
7	74 00	82 00	59 00	58 00	480	3 840	873	698	782	484	2000	131 B	7
8	73 00	81 00	58 00	59 00	500	3 810	837	696	770	431	2000	123 B	8
9	72 00	80 00	58 00	59 00	535	3 910	801	682	736	402	2000	119 B	9
10	71 00	79 00	58 00	59 00	621	3 720	743	664	711	392	2000	117 B	10
11	72 00	78 00	59 00	59 00	673	3 540	693	686	682	376	2000	116 B	11
12	73 00	76 00	60 00	58 00	723	3 400	659	699	651	381	2000	113 B	12
13	74 00	75 00	61 00	58 00	738	3 300	630	712	622	318	2010	112 B	13
14	75 00	73 00	62 00	58 00	750	3 320	603	850	598	304	2000	110 B	14
15	77 00	72 00	63 00	59 00	806	3 460	617	1 070	576	314	1998	108 B	15
16	81 00	72 00	64 00	60 00	882	3 500	647	1 060	551	3148	1988	107 B	16
17	82 00	72 00	65 00	60 00	908	3 410	626	988	530	3128	1928	104 B	17
18	83 00	72 00	66 00	60 00	933	3 420	605	929	517	3038	1898	102 B	18
19	87 00	73 00	66 00	61 00	952	3 470	601	917	501	3008	1838	101 B	19
20	88 00	74 00	62 00	62 00	921	3 500	607	925	488	2938	1778	99 20	20
21	87 00	75 00	63 00	63 00	887	3 480	616	923	472	2828	1748	97 00	21
22	86 00	76 00	62 00	64 00	830	3 450	634	900	455	2858	1738	95 00	22
23	85 00	77 00	62 FB	67 00	803	3 450	618	858	440	2488	1728	94 00	23
24	84 00	77 00	62 00	72 00	787	3 440	600	818	433	2308	1728	93 00	24
25	84 00	77 00	62 00	75 00	755	3 520	594	795	430	2218	1718	92 30	25
26	84 00	77 00	60 00	80 00	726	3 610	580	787	442	2178	1698	90 00	26
27	85 00	76 00	56 00	95 00	718	3 520	567	832	484	2148	1678	89 50	27
28	86 00	74 00	57 00	120 B	784	3 410	555	901	486	2118	1678	87 00	28
29	86 00		57 00	150 B	936	3 380	555	934	486	2108	1658	86 50	29
30	86 00		56 00	185 B	1 070	3 310	549	931	447	2108	1598	85 00	30
31	82 30		60 00		1 260		535	944		2088		84 00	31
TOTAL	2 456 9	2 155 0	1 920 0	2 150 6	21 975	95 100	22 456	24 750	18 248	9 902	5 856	3 443.0	TOTAL
MEAN	79 3	77 0	61 9	71 7	709	3 170	724	798	608	319	189	111	MEAN
MAX	88 0	83 0	71 0	185	1 260	3 840	1 260	1 070	923	457	209	154	MAX
MIN	71 0	72 0	57 0	58 0	220	1 300	535	532	430	209	159	84 0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 655
MAXIMUM DAILY, 3 840 ON JUN 7
MINIMUM DAILY, 57 00 ON MAR 28
MAXIMUM INSTANTANEOUS,
3 940 AT 05:45 YST ON JUN 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 16 55 N
LONG 139 14 56 W
DRAINAGE AREA, 51 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	212 000	JUL	1 940 000
FEB	186 000	AUG	2 140 000
MAR	166 000	SEP	1 580 000
APR	186 000	OCT	856 000
MAY	1 900 000	NOV	498 000
JUN	4 780 000	DEC	297 000

TOTAL DISCHARGE, 14 700 000 dam³

STEWART RIVER NEAR MAYO - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	7.335	6.088	4.587	5.243	3.810	---	---	1
2	---	---	---	---	---	7.958	5.931	4.827	5.138	3.974	---	---	2
3	---	---	---	---	---	8.533	5.813	4.676	5.079	4.081	---	---	3
4	---	---	---	---	---	9.100	5.713	4.779	5.063	4.180	---	---	4
5	---	---	---	---	---	9.442	5.802	4.908	5.125	4.194	---	---	5
6	---	---	---	---	---	8.858	5.900	4.949	5.122	4.144	---	---	6
7	---	---	---	---	---	7.648	5.428	4.872	5.034	4.069	---	---	7
8	---	---	---	---	---	7.158	5.316	4.836	4.957	2.998	---	---	8
9	---	---	---	---	---	6.902	5.175	4.843	4.887	3.926	---	---	9
10	---	---	---	---	---	6.809	6.088	4.830	4.782	3.883	---	---	10
11	---	---	---	---	---	6.337	4.978	4.782	5.710	3.710	---	---	11
12	---	---	---	---	---	6.184	4.888	4.826	4.825	3.693	---	---	12
13	---	---	---	---	---	6.303	4.840	5.527	4.541	3.650	---	---	13
14	---	---	---	---	4.780	6.644	4.842	5.781	4.487	3.620	---	---	14
15	---	---	---	---	4.839	6.509	4.946	5.639	4.393	3.829	---	---	15
16	---	---	---	---	4.930	6.431	4.854	5.424	4.358	3.712	---	---	16
17	---	---	---	---	5.088	6.478	4.801	5.212	4.316	3.828	---	---	17
18	---	---	---	---	5.209	6.666	4.772	5.368	4.272	3.681	---	---	18
19	---	---	---	---	5.148	6.590	4.746	5.415	4.225	3.836	---	---	19
20	---	---	---	---	5.033	6.514	4.723	5.418	4.181	3.825	---	---	20
21	---	---	---	---	4.984	6.517	4.702	5.341	4.106	3.648	---	---	21
22	---	---	---	---	5.024	6.448	4.705	5.328	4.087	3.633	---	---	22
23	---	---	---	---	5.011	6.484	4.702	5.139	4.038	3.608	---	---	23
24	---	---	---	---	4.859	6.681	4.671	5.113	4.084	---	---	---	24
25	---	---	---	---	4.712	6.793	4.858	5.186	4.233	---	---	---	25
26	---	---	---	---	4.785	6.610	4.827	5.263	4.323	---	---	---	26
27	---	---	---	---	5.062	6.452	4.808	5.412	4.378	---	---	---	27
28	---	---	---	---	5.378	6.402	4.586	5.412	4.282	---	---	---	28
29	---		---	---	5.643	6.282	4.548	5.428	4.084	---	---	---	29
30	---		---	---	6.033	6.228	4.510	5.458	3.982	---	---	---	30
31	---		---		6.597		4.539	5.368		---		---	31
MEAN	---	---	---	---	---	6.983	5.000	5.159	4.634	---	---	---	MEAN
MAX	---	---	---	---	---	9.442	6.088	5.781	5.243	---	---	---	MAX
MIN	---	---	---	---	---	6.184	4.510	4.587	3.982	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 9.442 ON JUN 5

MAXIMUM INSTANTANEOUS,
9.494 AT 14:50 YST ON JUN 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 479.472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 28 N
LONG 135 53 48 W

NATURAL FLOW

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.6B	12.5	10.5	8.66	9.20	39.1	171	148	95.3	53.3	28.6	17.7	1
2	16.5B	12.5	10.4	8.73	9.48	36.6	173	144	93.4	51.6	28.6	17.6	2
3	16.2B	12.5	10.4	8.76	9.77	42.6	177	143	93.4	49.7	28.0	17.7	3
4	15.7B	12.5	10.3	8.90	9.86	46.3	176	144	93.1	48.1	27.8	17.6	4
5	15.1B	12.3	10.2	8.86	10.2	53.6	183	143	91.4	46.3	27.4	16.8	5
6	15.0B	12.2	10.1	8.85	10.4	58.2	186	141	91.6	46.7	26.7	16.7	6
7	14.8B	12.3	10.2	8.85	10.7	62.6	190	140	90.6	45.2	26.1	15.9	7
8	14.1B	12.2	10.1	8.85	11.0	66.2	194	139	90.2	44.2	25.2	15.6	8
9	13.4B	11.9	9.86	8.86	11.4	70.6	192	137	88.4	44.6	24.1	15.1	9
10	12.9B	11.7	9.97	8.84	11.7	74.4	189	133	86.6	45.0	23.6	14.8B	10
11	13.0B	11.7	10.0	8.48	12.1	78.1	185	132	84.5	45.8	22.3	14.2B	11
12	13.2	11.7	9.97	8.45	12.6	83.0	180	131	83.3	43.7	23.1	13.8B	12
13	13.2	11.6	9.85	8.62	12.8	84.4	174	130	81.3	42.6	22.9	13.5B	13
14	13.2	11.5	9.63	8.64	13.2	86.0	168	128	79.5	41.7	22.9	13.1B	14
15	13.2	11.3	9.60	8.46	13.6	88.6	163	127	78.6	40.6	22.2	12.7B	15
16	13.6	11.1	9.60	8.38	14.2	89.7	158	123	72.7	39.6	21.9	12.8B	16
17	13.5	11.1	9.49	8.38	14.6	93.2	156	120	71.0	38.6	21.4	12.4B	17
18	14.0	10.8	9.52	8.35	15.0	96.3	153	118	69.7	37.3	21.2	12.2B	18
19	14.2	10.8	9.54	8.30	15.4	101	151	114	67.6	36.7	20.9	12.1B	19
20	14.0	10.8	9.44	8.16	15.0	108	150	114	67.5	36.6	20.3	12.1B	20
21	13.8	10.9	9.39	8.12	15.4	115	148	112	66.9	35.3	19.8	12.1B	21
22	13.4	10.8	9.37	8.13	16.7	122	150	108	65.4	35.5	20.0	12.0B	22
23	13.0	10.7	9.31	8.17	16.8	127	149	105	63.2	34.6	19.5	11.9B	23
24	12.8	10.9	9.18	8.14	17.3	132	149	105	61.6	32.8	19.2	11.7B	24
25	13.7	10.8	9.14	8.13	17.8	136	146	102	59.3	32.7	18.2	11.5B	25
26	12.7	10.7	9.05	8.27	17.8	140	146	101	58.6	33.1	18.9	11.8B	26
27	12.7	10.7	8.94	8.42	17.9	153	145	95.8	58.7	31.8	18.7	11.3B	27
28	12.7	10.6	8.87	8.82	18.5	160	147	98.4	58.6	31.6	18.5	11.0B	28
29	12.6		8.86	8.78	19.1	165	148	97.9	58.5	30.8	18.2	10.8B	29
30	12.6		8.88	8.85	20.3	168	146	97.9	58.6	30.4	17.9	10.8B	30
31	12.6		8.87		23.9		147	96.1		29.9		10.7B	31
TOTAL	427.5	321.2	289.07	264.43	446.22	2 674.7	5 095	3 787.1	2 265.1	1 240.7	675.0	418.5	TOTAL
MEAN	13.8	11.5	9.89	8.46	14.4	89.6	164	122	75.3	40.0	22.5	13.5	MEAN
MAX	17.6	12.5	10.5	8.90	23.9	168	194	148	95.3	53.3	28.6	17.7	MAX
MIN	12.5	10.6	8.87	8.12	8.20	29.1	146	98.1	58.6	29.9	17.9	10.7	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.5
MAXIMUM DAILY, 194 ON JUL 6
MINIMUM DAILY, 8.12 ON APR 21
MAXIMUM INSTANTANEOUS,
197 AT 18:07 YST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 46 N
LONG 136 07 26 W
DRAINAGE AREA, 4 070 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 900	JUL	440 000
FEB	27 800	AUG	326 000
MAR	25 800	SEP	195 000
APR	22 000	OCT	107 000
MAY	38 500	NOV	58 300
JUN	248 000	DEC	36 200

TOTAL DISCHARGE, 1 580 000 dam³

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0B	15.9B	12.7B	12.2B	11.9B	62.6	182	157E	105	67.0	36.2	21.2B	1
2	19.7B	15.9B	12.6B	12.1B	11.9B	61.4	185	156E	104	64.6	35.2	21.1B	2
3	19.0B	15.8B	12.5B	12.0B	12.1B	76.4	188	155E	103	62.6	34.6	21.0B	3
4	18.5B	15.8B	12.4B	12.0B	12.4B	71.2	190	154E	104	60.8	34.4	21.0B	4
5	18.2B	15.7B	12.4B	12.0B	12.7B	74.3	192	153E	105	59.9	34.0B	20.9B	5
6	17.9B	15.6B	12.4B	11.9B	13.0B	79.5	200	152E	104	59.6	34.0B	20.4B	6
7	17.3B	15.6B	12.4B	11.9B	13.4E	80.9	204	151E	104	59.0	33.7B	19.9B	7
8	17.0B	15.4B	12.4B	11.8B	13.9E	83.2	206	150E	104	58.2	33.2B	19.0B	8
9	16.8B	15.2B	12.3B	11.8B	14.1E	85.5	203	149E	102	57.5	32.5B	18.0B	9
10	16.6B	15.0B	12.3B	11.8B	14.9E	88.5	203	148	100	52.8	31.4B	17.6B	10
11	16.4B	14.9B	12.2B	11.5B	15.0E	92.1	198	144	97.5	56.5	30.2B	17.4B	11
12	16.3B	14.7B	12.2B	11.2B	15.2E	94.9	194	143	98.8	56.1	29.1B	17.2B	12
13	16.2B	14.4B	12.2B	11.3B	15.4E	96.3	190	143	94.5	54.7	28.2B	17.3B	13
14	16.2B	14.1B	12.2B	11.3B	15.0E	97.5	185	141	93.3	52.4	27.6B	17.2B	14
15	16.4B	14.0B	12.2B	11.3B	14.4E	98.1	180	140	91.3	51.2	27.6B	17.0B	15
16	16.5B	13.9B	12.4B	11.2B	14.9E	102	178	137	88.3	49.3	27.7B	16.6B	16
17	16.8B	13.8B	12.3B	11.1B	17.5E	104	178	133	88.3	48.4	27.4B	16.1B	17
18	17.3B	13.7B	12.2B	11.0B	18.0E	107	188	130	84.3	48.4	26.9B	15.6B	18
19	17.3B	13.6B	12.1B	11.0B	18.4E	115	185	128	82.7	48.4	26.2B	15.6B	19
20	17.1B	13.6B	12.0B	10.8B	18.9E	122	184	126	80.8	47.7	25.7B	15.7B	20
21	17.0B	13.5B	12.0B	10.7B	19.4E	130	182	125	80.0	46.6	25.2B	15.3B	21
22	16.8B	13.5B	11.9B	10.6B	19.9E	135	183	121	78.5	45.5	24.8B	15.2B	22
23	16.8B	13.4B	11.9B	10.5B	20.2E	139	187	117	76.3	44.6	24.5B	15.3B	23
24	16.4B	13.3B	11.9B	10.5B	20.8E	143	188	116	75.5	43.2	24.2B	15.4B	24
25	16.2B	13.2B	12.0B	10.6B	21.0E	146	185E	115	73.1	41.6	24.0B	15.3B	25
26	16.1B	13.1B	12.0B	10.7B	21.1E	155	183E	113	67.8	40.8	24.1B	15.2B	26
27	16.0B	13.0B	12.1B	10.8B	21.0E	163	182E	111	66.0	39.9	24.0B	15.1B	27
28	16.0B	12.9B	12.2B	11.0B	23.0E	170	181E	108	64.7	39.7	23.0B	14.9B	28
29	16.0B		12.3B	11.1B	25.5E	174	180E	108	65.0	38.9	22.0B	14.7B	29
30	16.0B		12.2B	11.3B	29.0	178	179E	108	65.1	37.8	21.4B	14.4B	30
31	16.0B		12.2B		33.9		178E	107		37.0		14.2B	31
TOTAL	537.1	402.2	381.3	338.9	574.2	3 328.4	5 633	4 138	2 645.6	1 588.2	852.6	531.4	TOTAL
MEAN	17.0	14.4	12.3	11.3	18.5	111	178	133	88.2	50.6	28.5	17.1	MEAN
MAX	20.0	15.9	12.7	12.3	33.9	178	206	157	105	67.0	36.2	21.2	MAX
MIN	16.0	12.9	11.9	10.6	11.5	61.4	150	107	64.7	37.0	21.4	14.2	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.0
MAXIMUM DAILY, 206 ON JUL 6
MINIMUM DAILY, 10.5B ON APR 23
MAXIMUM INSTANTANEOUS,
207 AT 21:10 YST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 06 N
LONG 135 04 21 W
DRAINAGE AREA, 8 990 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1946

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 500	JUL	478 000
FEB	36 800	AUG	357 000
MAR	32 900	SEP	229 000
APR	29 300	OCT	135 000
MAY	48 800	NOV	73 800
JUN	288 000	DEC	46 900

TOTAL DISCHARGE, 1 800 000 dam³

YUKON TERRITORY

TESLIN LAKE AT TESLIN - STATION NO 09AE003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 292	3 254	3 114	2 948	2 918	5 080	5 788	4 895	4 684	4 803	---	---	1
2	3 284	3 247	3 111	2 940	2 971	5 292	5 760	4 868	4 704	4 798	---	---	2
3	3 287	3 231	3 107	2 942	3 019	5 495	5 744	4 835	4 718	4 807	---	---	3
4	3 287	3 220	3 105A	2 938	3 067	5 675	5 721	4 810	4 737	4.850A	---	---	4
5	3 288	3 219	3 100E	2 927	3 129	5 827	5 726	4 885	4 787	---	---	---	5
6	3 270	3 217	3 080E	2 920	3 181	5 853	5 726	4 859	4 806	---	---	---	6
7	3 286	3 215	3 065E	2 925	3 235	5 858	5 728	4 843	4 840	---	---	---	7
8	3 287	3 212	3 030	2 919	3 287	5 121	5 727	4 818	4 857	---	---	---	8
9	3 280A	3 198	3 018	2 917	3 353	5 189	5 715	4 785	4 884	---	---	---	9
10	3 285E	3 194	3 020	2 917	3 418	5 202	5 695	4 769	4 899	---	---	---	10
11	3 330E	3 187	3 027	2 924	3 478	5 212	5 683	4 738	4 906	---	---	---	11
12	3 320A	3 182	3 023	2 927	3 534	5 235	5 827	4 725	4 913	---	---	---	12
13	3 318	3 170	3 006	2 931	3 631	5 244	5 590	4 705	4 928	---	---	---	13
14	3 328	3 165	3 012	2 921	3 708	5 248	5 557	4 678	4 940	---	---	---	14
15	3 336	3 157	3 019	2 917	3 778	5 232	5 530	4 668	4 935	---	---	---	15
16	3 331	3 166	3 003	2 920	3 878	5 205	5 499	4 649	4 936	---	---	3.886A	16
17	3 334	3 168	3 002	2 918	3 868	5 185	5 485	4 641	4 944	4.748A	---	---	17
18	3 338	3 168	3 001	2 917	4 053	5 185	5 430	4 631	4 937	---	---	---	18
19	3 335	3 165	3 002	2 890	4 136	5 167	5 393	4 626	4 929	---	---	---	19
20	3 307	3 170	2 997	2 886	4 222	5 124	5 352	4 629	4 928	---	---	---	20
21	3 283	3 168	2 982	2 886	4 300	5 108	5 308	4 632	4 919	---	---	---	21
22	3 282	3 163	2 970	2 870	4 359	5 085	5 282	4 629	4 908	---	---	---	22
23	3 274	3 150	2 952	2 867	4 422	5 060	5 248	4 632	4 913	---	---	---	23
24	3 273	3 140	2 951	2 863	4 485	5 025	5 220	4 642	4 905	---	---	---	24
25	3 261	3 135	2 950	2 864	4 540	5 005	5 189	4 642	4 883	---	---	---	25
26	3 279	3 124	2 956	2 875	4 587	5 087	5 162	4 650	4 882	---	---	---	26
27	3 270	3 116	2 953	2 872	4 631	5 029	5 139	4 650	4 878	---	---	---	27
28	3 262	3 121	2 955	2 882	4 668	5 004	5 103	4 651	4 851	---	---	---	28
29	3 260		2 950	2 882	4 713	5 002	5 077	4 678	4 839	---	---	---	29
30	3 267		2 958	2 898	4 788	5 035	5 054	4 685	4 828	---	---	---	30
31	3 258		2 955		4 904		5 023	4 678		---	---	---	31
MEAN	3 781	3 178	3 012	2 906	3 883	5 088	5 480	4 730	4 887	---	---	---	MEAN
MAX	3 339	3 254	3 114	2 948	4 904	5 248	5 788	4 895	4 944	---	---	---	MAX
MIN	3 258	3 116	2 953	2 863	2 918	5 080	5 023	4 626	4 884	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 6 248 ON JUN 14
MINIMUM DAILY, 2 863 ON APR 24
MAXIMUM INSTANTANEOUS,
6 285 AT 12:20 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 52 N
LONG 132 42 12 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 677.055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1965 ADJ)

TESLIN RIVER NEAR TESLIN - STATION NO 09AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.0B	57.5B	54.5B	53.0B	59.5B	632	620	390	331	371	272	1808	1
2	76.0B	56.0B	54.0B	53.0B	76.0B	680	607	382	332	374	266	1698	2
3	73.0B	56.0B	53.5B	52.5B	84.5	647	603	373	338	366	260	1678	3
4	72.0B	56.0B	52.5B	52.0B	88.5	594	602	371	339	362	258	1628	4
5	70.0B	55.0B	52.0B	51.5B	94.5	536	599	365	345	369	251	1498	5
6	66.0B	55.0B	52.0B	51.5B	101	573	598	358	349	378	242	1458	6
7	66.0B	56.0B	52.0B	51.5B	108	705	599	353	362	383	241	1448	7
8	64.0B	57.0B	52.5B	51.5B	116	728	599	348	374	358	238	1438	8
9	63.0B	56.5B	53.0B	51.5B	123	745	593	344	378	385	231	1438	9
10	62.0B	56.0B	53.0B	51.5B	132	783	588	335	380	384	228	1428	10
11	61.0B	56.0B	53.5B	52.0B	135	780	576	329	381	383	220	1428	11
12	60.0B	56.0B	53.5B	52.0B	148	780	567	325	383	365	216	1428	12
13	60.0B	56.0B	53.5B	52.0B	163	780	563	322	383	350	211	1418	13
14	60.0B	55.5B	53.5B	52.0B	173	767	539	320	383	347	208	1408	14
15	60.0B	55.0B	53.5B	51.5B	188	755	526	315	386	345	204	1388	15
16	60.0B	55.0B	53.0B	51.0B	201	747	517	309	384	342	200	1358	16
17	60.0B	55.0B	53.0B	50.5B	214	735	512	307	383	338	196	1328	17
18	60.0B	55.5B	52.5B	50.0B	230	731	503	309	383	336	197	1298	18
19	60.0B	56.0B	52.0B	50.0B	244	725	491	308	384	333	193	1288	19
20	60.0B	56.0B	52.0B	50.0B	257	719	482	313	384	330	189	1248	20
21	59.0B	55.0B	51.0B	50.5B	287	714	472	318	383	324	185	1228	21
22	59.0B	55.0B	50.5B	51.0B	279	705	459	320	384	323	1828	1218	22
23	58.0B	55.0B	50.0B	52.0B	294	700	456	320	384	317	1808	1208	23
24	58.0B	54.5B	50.0B	52.5B	308	689	448	323	384	310	1788	1208	24
25	58.0B	54.5B	50.5B	53.0B	319	680	442	323	373	307	1728	1188	25
26	58.0B	54.5B	51.0B	54.5B	328	667	432	325	364	302	1688	1168	26
27	58.0B	54.5B	51.0B	56.0B	335	660	424	323	378	300	1648	1158	27
28	58.0B	54.5B	52.0B	58.0B	343	648	418	322	378	298	1618	1148	28
29	58.0B		52.0B	61.5B	351	637	412	326	377	287	1608	1148	29
30	58.0B		52.5B	66.0B	368	627	407	331	377	283	1608	1148	30
31	58.0B		53.0B		390		395	329		278		1148	31
TOTAL	1 831.0	1 570.5	1 622.5	1 585.5	6 623.2	20 482	16 050	10 337	11 142	10 434	6 231	4 135	TOTAL
MEAN	62.3	56.1	52.3	52.8	210	683	518	333	371	337	208	133	MEAN
MAX	77.0	58.0	54.5	58.0	390	780	620	350	385	378	272	180	MAX
MIN	58.0	54.5	50.0	50.0	59.5	432	395	307	331	278	189	114	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 282
MAXIMUM DAILY, 780 ON JUN 11
MINIMUM DAILY, 50.0B ON MAR 23
MAXIMUM INSTANTANEOUS,
791 AT 17:03 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 29 04 N
LONG 133 18 07 W
DRAINAGE AREA, 30 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	167 000	JUL	1 380 000
FEB	136 000	AUG	883 000
MAR	140 000	SEP	883 000
APR	137 000	OCT	901 000
MAY	566 000	NOV	538 000
JUN	1 770 000	DEC	357 000

TOTAL DISCHARGE, 7 980 000 dam³

YOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO 10AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3698	0.1938	0.1588	0.1708	2.008	5.80E	2.10	2.09	1.32	2.30E	1.29 B	0.6508	1
2	0.3438	0.1938	0.1578	0.1748	2.208	5.20E	1.98	2.13	1.31	2.20E	1.28 B	0.6458	2
3	0.3408	0.1938	0.1548	0.1828	2.608	5.90E	1.88	2.03	1.44	2.20E	1.27 B	0.6458	3
4	0.3408	0.1938	0.1528	0.1808	2.808	5.60E	2.15	2.26	1.50E	2.30E	1.20 B	0.6458	4
5	0.3388	0.1928	0.1518	0.2008	3.20E	5.06A	2.29	2.23	1.60E	2.25E	1.10 B	0.6508	5
6	0.3388	0.1928	0.1498	0.2108	3.70E	5.18	2.69	2.06	1.90E	2.20E	1.05 B	0.6558	6
7	0.3388	0.1908	0.1488	0.2258	4.30E	5.04	2.84	1.88	2.50E	2.10E	1.00 B	0.6508	7
8	0.3388	0.1888	0.1488	0.2458	5.00E	4.86	2.50	1.79	3.70E	2.10E	0.9808	0.6408	8
9	0.3258	0.1848	0.1498	0.2708	5.80E	4.46	2.23	1.69	3.60E	2.10E	0.9608	0.6008	9
10	0.3108	0.1808	0.1528	0.2808	6.80E	4.48	2.07	1.60	3.50E	2.05E	0.9408	0.5608	10
11	0.2928	0.1788	0.1578	0.3308	7.10E	5.00	1.93	1.54	3.32E	2.00E	0.9308	0.5508	11
12	0.2808	0.1768	0.1608	0.3708	6.20E	4.89	1.84	1.53	3.30E	1.95E	0.9308	0.5458	12
13	0.2708	0.1738	0.1648	0.4208	5.40E	4.40	1.78	1.50	3.40E	1.90E	0.9308	0.5408	13
14	0.2638	0.1708	0.1678	0.4708	4.90E	4.05	1.70	1.43	3.40E	1.87E	0.9308	0.5408	14
15	0.2648	0.1688	0.1698	0.5308	5.30E	3.82	1.61	1.38	3.30E	1.82A	0.9208	0.5458	15
16	0.2658	0.1808	0.1708	0.6008	5.80E	3.87	1.51	1.37	3.20E	1.78B	0.9208	0.5508	16
17	0.2658	0.1818	0.1698	0.6808	5.84A	3.77	1.39	1.37	3.18E	1.70B	0.9208	0.5508	17
18	0.2648	0.1828	0.1698	0.6008	5.38	3.82	1.31	1.40	3.05E	1.70B	0.8208	0.5458	18
19	0.2628	0.1828	0.1688	0.6408	4.78	3.63	1.31	1.52	3.00E	1.72E	0.9208	0.5408	19
20	0.2578	0.1828	0.1688	0.6808	6.02	3.37	1.38	1.82A	2.95E	1.77B	0.9208	0.5408	20
21	0.2488	0.1838	0.1848	0.6808	7.08	3.17	1.46	1.83E	3.05E	1.78B	0.9108	0.5308	21
22	0.2388	0.1838	0.1808	0.7008	8.34	3.03	2.50	1.82E	2.95E	1.77B	0.9008	0.5208	22
23	0.2388	0.1828	0.1588	0.7808	8.54A	2.88	2.85	1.79E	2.80E	1.71B	0.8908	0.5158	23
24	0.2158	0.1828	0.1588	0.8808	8.60E	2.74	2.56	1.74E	2.65E	1.68B	0.8708	0.5108	24
25	0.2068	0.1818	0.1598	0.9608	8.70E	2.55	2.33	1.68E	2.55E	1.64B	0.8508	0.5058	25
26	0.1988	0.1808	0.1808	1.08 B	8.40E	2.40	2.13	1.62E	2.50E	1.60B	0.8208	0.5008	26
27	0.1988	0.1808	0.1818	1.20 B	8.15E	2.31	2.34	1.56A	2.40E	1.58B	0.7808	0.4958	27
28	0.1948	0.1808	0.1828	1.35 B	8.30E	2.18	2.60	1.84	2.50E	1.55B	0.7408	0.4908	28
29	0.1938		0.1848	1.53 B	8.40E	2.13	2.37	1.55	2.40E	1.50B	0.7008	0.4858	29
30	0.1928		0.1848	1.70 B	8.60E	2.24	2.04	1.48	2.35E	1.43B	0.6808	0.4808	30
31	0.1928		0.1858		8.80E		1.94	1.40		1.36B		0.4808	31
TOTAL	8.340	4.858	4.954	18.416	186.42	119.14	83.87	82.74	80.59	57.56	28.480	17.295	TOTAL
MEAN	0.269	0.174	0.160	0.614	6.37	3.97	2.06	1.70	2.68	1.86	0.948	0.558	MEAN
MAX	0.348	0.193	0.170	1.70	7.10	5.80	2.84	2.24	3.70	2.30	1.28	0.665	MAX
MIN	0.192	0.160	0.148	0.170	2.00	2.13	1.31	1.37	1.31	1.34	0.880	0.480	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 7.10E ON MAY 11
MINIMUM DAILY, 0.1488 ON MAR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 17 26 N
LONG 129 01 14 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	721	JUL	5 520
FEB	420	AUG	4 880
MAR	428	SEP	5 860
APR	1 590	OCT	4 970
MAY	16 400	NOV	2 460
JUN	10 300	DEC	1 490

TOTAL DISCHARGE, 53 800 dam³

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.426	78.508	78.550	78.422	77.808	78.590	78.727	78.899	78.988A	78.458	78.214	78.908	1
2	78.480	78.531	78.533	78.430	77.740	78.108	78.795	78.897	78.907A	78.505	78.205	78.885	2
3	78.486	78.552	78.504	78.440	77.642	77.626	78.848	79.029	78.878A	78.550	78.249	78.886	3
4	78.506	78.577	78.580	78.453	77.612	77.554	78.908	79.071	78.848A	78.581	78.300	78.897	4
5	78.510	78.600	78.583	78.467	77.588	77.525	78.951	79.081	78.878A	78.584	78.351	78.888	5
6	78.510	78.625	78.544	78.488	77.548	77.516	78.977	79.110	78.878A	78.586	78.397	78.875	6
7	78.510	78.658	78.523	78.508	77.624	77.507	78.984	79.212	78.785A	78.557	78.426	78.827	7
8	78.507	78.682	78.504	78.517	77.787	77.552	79.013	79.283	78.848A	78.543	78.411	78.795	8
9	78.491	78.700	78.487	78.529	77.829	78.186	79.026	79.199	78.876A	78.511	78.384	78.763	9
10	78.458	78.721	78.482	78.537	77.857	78.824	79.035	79.092	78.937A	78.489	78.286	78.726	10
11	78.425	78.745	78.474	78.545	77.928	79.014	79.010	79.144	78.988A	78.471	78.282	78.695	11
12	78.395	78.763	78.467	78.554	78.049	79.095	78.949	79.288	78.878A	78.468	78.323	78.684	12
13	78.367	78.776	78.484	78.566	78.178	79.026	78.838	79.288	78.878A	78.415	78.449	78.646	13
14	78.367	78.779	78.458	78.578	78.288	78.804	78.631	79.031	78.815A	78.402	78.547	78.640	14
15	78.331	78.772	78.446	78.582	78.468	78.788	78.284	78.907A	78.724A	78.418	78.632	78.643	15
16	78.326	78.760	78.438	78.572	78.487	78.633	77.988	78.785A	78.724A	78.441	78.719	78.644	16
17	78.342	78.728	78.441	78.558	78.388	78.493	77.918	78.615A	78.724A	78.454	78.788	78.644	17
18	78.378	78.706	78.448	78.543	78.214	78.358	77.918	78.678A	78.693A	78.484	78.847	78.651	18
19	78.404	78.695	78.454	78.529	78.047	78.220	78.005	78.724A	78.653A	78.482	78.889	78.655	19
20	78.424	78.697	78.457	78.513	77.953	78.110	78.141	78.907A	78.632A	78.444	78.921	78.652	20
21	78.434	78.715	78.456	78.493	77.921	77.903	78.283	78.937A	78.632A	78.439	78.941	78.651	21
22	78.433	78.735	78.455	78.467	77.783	77.674	78.386	78.937A	78.571A	78.440	78.904	78.654	22
23	78.419	78.736	78.458	77.613	77.630	77.586	78.485	78.937A	78.571A	78.442	78.858	78.659	23
24	78.406	78.728	78.455	77.501	77.634	77.503	78.579	78.937A	78.602A	78.426	78.857	78.670	24
25	78.399	78.718	78.450	77.446	77.782	77.528	78.652	78.988A	78.632A	78.417	78.855	78.686	25
26	78.396	78.700	78.445	77.578	77.916	77.776	78.699	78.937A	78.632A	78.411	78.869	78.705	26
27	78.404	78.678	78.440	77.584	78.088	78.045	78.744	78.988A	78.571A	78.398	78.910	78.726	27
28	78.419	78.665	78.426	77.625	78.258	78.283	78.800	79.028A	78.478A	78.387	78.948	78.748	28
29	78.444		78.415	77.705	78.490	78.498	78.858	79.059A	78.511	78.382	78.956	78.760	29
30	78.466		78.411	77.788	78.715	78.636	78.917	79.059A	78.487	78.314	78.935	78.781	30
31	78.484		78.414		78.787		78.981	79.080A		78.270		78.794	31
MEAN	78.429	78.687	78.482	78.274	77.986	78.186	78.659	79.023	78.739	78.452	78.821	78.737	MEAN
MAX	78.510	78.779	78.550	78.582	78.787	79.095	79.035	79.288	78.988	78.586	78.958	78.908	MAX
MIN	78.328	78.606	78.411	77.446	77.583	77.516	77.918	78.724	78.487	78.270	78.208	78.640	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 78.522
MAXIMUM DAILY, 79.288 ON AUG 13
MINIMUM DAILY, 77.446 ON APR 25
MAXIMUM INSTANTANEOUS,
79.384 AT 19:15 YST ON AUG 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 38 34 N
LONG 135 55 02 W

A - MANUAL GAUGE

REGULATED SINCE 1952

YUKON TERRITORY

WHEATON RIVER NEAR CARCROSS - STATION NO 09AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 650	1 750	1 620	1 330	2 440	37 2	21 0	10 9	6 69	5 51	3 700	2 680	1
2	2 550	1 730	1 590	1 340	2 680	32 3	24 4	10 2	6 94	5 40	3 650	2 600	2
3	2 430	1 700	1 470	1 350	2 940	33 1	22 0	10 5	7 48	5 32	3 550	2 450	3
4	2 400	1 680	1 430	1 350	3 110	19 2	21 9	12 1	7 06	5 27	3 420	2 380	4
5	2 340	1 650	1 400	1 340	3 250	13 5	20 0	12 5	7 67	5 09	3 310	2 280	5
6	2 350	1 640	1 380	1 330	3 45	14 5	25 5	12 1	7 90	4 66	3 300	2 240	6
7	2 300	1 630	1 370	1 320	3 66	15 2	23 3	11 1	7 31	4 93	3 280	2 180	7
8	2 250	1 630	1 310	1 310	3 99	15 1	20 0	10 5	8 02	4 79	3 230	2 180	8
9	2 230	1 620	1 350	1 310	4 34	14 0	18 5	10 5	8 53	4 92	3 200	2 140	9
10	2 180	1 630	1 300	1 300	4 36	14 7	18 2	11 4	8 78	4 18	3 180	2 150	10
11	2 120	1 620	1 370	1 300	4 28	15 3	14 5	11 0	8 10	4 158	3 200	2 150	11
12	2 080	1 630	1 380	1 300	4 15	14 2	13 2	9 97	8 02	4 188	3 200	2 150	12
13	2 060	1 640	1 390	1 300	3 98	13 6	12 3	9 12	8 00	4 208	3 220	2 120	13
14	2 030	1 610	1 390	1 300	4 01	11 8	11 4	8 47	8 04	4 108	3 180	2 110	14
15	1 990	1 590	1 390	1 300	4 12	12 9	11 4	8 13	8 09	4 008	3 150	2 090	15
16	1 970	1 580	1 390	1 310	4 23	15 3	11 5	7 83	8 77	3 870	3 080	2 080	16
17	1 970	1 570	1 380	1 320	4 31	14 8	11 9	7 42	8 81	3 908	3 020	2 070	17
18	1 950	1 570	1 370	1 320	4 00	15 2	12 4	7 13	8 66	3 948	2 920	2 050	18
19	1 930	1 560	1 360	1 340	3 78	21 7	12 1	7 79	8 92	3 985	2 900	2 050	19
20	1 880	1 550	1 310	1 350	3 74	23 2	11 3	7 76	8 67	4 008	2 920	2 020	20
21	1 780	1 540	1 300	1 370	3 78	26 3	10 7	7 24	8 28	3 980	2 930	1 990	21
22	1 760	1 520	1 290	1 400	3 84	22 3	14 4	7 26	8 81	3 958	2 900	1 980	22
23	1 750	1 520	1 280	1 450	3 88	19 6	15 3	7 40	8 84	3 900	2 868	1 948	23
24	1 740	1 510	1 280	1 510	3 94	21 2	13 0	7 36	8 87	3 920	2 828	1 958	24
25	1 720	1 500	1 290	1 500	3 92	22 9	12 1	7 19	8 65	3 890	2 788	1 978	25
26	1 710	1 510	1 290	1 700	3 91	25 7	11 8	7 02	8 32	3 820	2 648	1 968	26
27	1 720	1 530	1 290	1 800	3 79	26 7	11 9	8 87	8 86	3 758	2 658	1 948	27
28	1 700	1 530	1 290	1 940	3 86	26 1	13 0	8 65	8 88	3 718	2 688	1 908	28
29	1 680		1 300	2 110	4 52	20 6	12 5	8 48	8 00	3 678	2 698	1 828	29
30	1 710		1 310	2 230	10 6	19 1	11 7	8 40	8 19	3 658	2 688	1 838	30
31	1 730		1 320		30 3		11 2	8 60		3 698		1 908	31
TOTAL	62 75	44 74	42 10	43 54	155 17	588 4	477 4	272 90	180 90	132 13	92 23	85 32	TOTAL
MEAN	2 02	1 60	1 36	1 45	5 01	19 9	15 4	8 80	6 03	4 26	3 07	2 11	MEAN
MAX	2 65	1 75	1 62	2 23	34 3	37 2	25 5	12 5	7 90	5 51	3 70	2 68	MAX
MIN	1 69	1 50	1 28	1 30	2 44	11 6	10 7	6 60	4 68	3 65	2 64	1 82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 94
MAXIMUM DAILY, 37 2 ON JUN 1
MINIMUM DAILY, 1 28 ON MAR 28
MAXIMUM INSTANTANEOUS,
44 7 AT 05 58 YST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA, 878 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 420	JUL	41 200
FEB	3 870	AUG	23 500
MAR	3 640	SEP	15 600
APR	3 760	OCT	11 400
MAY	13 400	NOV	7 970
JUN	51 700	DEC	6 540

TOTAL DISCHARGE, 187 000 dam³

WHITE RIVER AT KILOMETRE 1881 S ALASKA HIGHWAY - STATION NO 09CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13 50	13 20	12 60	14 00	17 5E	382	500	595	164	48 0E	28 0E	21.10	1
2	13 40	13 30	12 60	14 00	18 0E	377	535	759	168	47 5E	28 1E	21.20	2
3	13 10	13 20	12 70	14 00	18 1E	388	511	685	164	46 5E	26 1E	21.20	3
4	13 00	13 10	12 80	14 10	18 3E	328	601	588	173	46 0E	26 0E	21.30	4
5	12 80	12 90	12 70	14 00	18 4E	289	777	501	138	46 0E	27.9E	21.20	5
6	12 30	12 70	13 00	14 10	18 4E	289	888	410	114	42 0E	27 6E	21.10	6
7	12 00	12 10	13 10	14 20	18 4E	274	845	386	81 2	41.0E	27.2E	21.00	7
8	11 60	11 80	13 20	14 10	18 6E	264	826	385	79.2	40 0E	26.7E	20.6E	8
9	11 20	11 70	13.30	14 10	19 2E	264	893	429	71.1	39 6E	26.0E	20.5E	9
10	11.20	11.60	13 40	14.20	19 7E	283	943	487	72.0	39.0E	25.4E	20.3E	10
11	11 30	11 50	13 40	14 30	20 0E	277	956	515	69.1	39.0E	25.2E	19.8E	11
12	11 50	11.30	13 40	14 40	20 5E	259	882	520	67.9	39.0E	25.1E	19.6E	12
13	11.80	11 00	13 50	14 50	20 7E	240	406A	456	65 4	38 8E	25.0E	19.0E	13
14	12.40	10 80	13.50	14 50	20.6E	225	406A	376	72 0E	38.0E	24.8E	18.8E	14
15	12.80	10.60	13 40	15 00	21.2E	229	433	307	67.3E	37.0E	24.4E	18.2E	15
16	12.90	10 50	13 40	15 20	21.5E	234	446	244	66.0E	35 6E	24.0E	18.0E	16
17	13 10	10 60	13.30	15 50	22.5E	240	478	201	66.0E	35.0E	23.8E	17.7E	17
18	13.00	10.70	13 20	15.70	25.5E	253	459	209	65.0E	34.8E	23.5E	17.3E	18
19	12.60	10.80	13.00	15.90	26.0E	280	488	190	64 5E	33.5E	23.4E	17.0E	19
20	12.10	10.90	13.00	16.10	33.0E	441	442	170	64.0E	32.4E	23.5E	16.8E	20
21	12.00	11.00	13.10	16.30	37.0E	492	447	157	63.0E	31.8E	23.5E	16.8E	21
22	11.80	11.10	13.10	16.20	44.0E	486	544	166	60.0E	31.0E	23.2E	16.5E	22
23	11.70	11.30	13.20	16.10	46.0E	485	597	170	57.0E	30.0E	23.0E	16.4E	23
24	12.00	11.50	13.30	16.00	55.0E	529	543	176	54.0E	29.4E	22.8E	16.3E	24
25	12.40	11.60	13.40	16.00	70.0E	564	538	189	53.0E	29.0E	22.6E	16.2E	25
26	12.50	11.90	13.50	16.00	85.0E	553	532	185	51.0E	28.4E	22.5E	16.2E	26
27	13.00	12.05	13.60	16.10	110 E	569	516	175	49.5E	28.3E	22.3E	16.0E	27
28	13.10	12.20	13.70	16.30	119 A	538	521	159	49.0E	28.4E	21.9E	16.0E	28
29	13.20		13.70	16.60	140	488	505	154	48.5E	28.3E	21.5E	16.0E	29
30	13.20		13.60	17.00	169	466	522	157	48.1E	28.2E	21.2E	15.9E	30
31	13.20		13.90		314		592	175		28.1E		15.7E	31
TOTAL	385.7	328.9	410 6	484.5	1 830.1	11 139	16 444	10 189	2 457.8	1 117.7	740.5	589.3	TOTAL
MEAN	12.4	11.7	13.3	15.2	52.6	371	530	329	81.9	36.1	24.7	19.4	MEAN
MAX	13.6	13.3	13.9	17.0	314	569	888	759	188	48.0	28.1	21.3	MAX
MIN	11.2	10.5	12.6	14.0	17.5	225	343	154	48.1	29.1	21.2	15.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 126
MAXIMUM DAILY, 888 ON JUL 6
MINIMUM DAILY, 10.50 ON FEB 10
MAXIMUM INSTANTANEOUS,
977 AT 05:15 YST ON JUL 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 58 41 N
LONG 140 33 10 W
DRAINAGE AREA, 6 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 300	JUL	1 420 000
FEB	26 200	AUG	630 000
MAR	25 500	SEP	212 000
APR	29 300	OCT	98 800
MAY	141 000	NOV	64 000
JUN	982 000	DEC	49 200

TOTAL DISCHARGE, 3 850 000 dam³

WHITESTONE RIVER NEAR THE MOUTH - STATION NO 09PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 120	2 080	1 980	2 150	22 5	362	38 7	84 8	42 0 E	20 2 B	5 850	3 970	1
2	2 100	2 090	2 000	2 170	26 4	293	33 6	76 6	38 5 E	17 2 B	5 750	3 940	2
3	2 080	2 100	2 010	2 170	30 5	205	28 9	66 4	35 5 E	16 9 B	5 600	3 900	3
4	2 060	2 080	2 010	2 120	36 5	136	26 2	43 4	32 0 E	16 7 B	5 510	3 800	4
5	2 040	2 020	2 000	2 080	39 2	94 9	23 4	36 5	28 4 E	16 5 B	5 440	3 880	5
6	2 030	2 000	1 980	2 000	35 9	80 3	20 9E	34 2	26 4 E	16 2 B	5 380	3 900	6
7	2 060	2 010	2 000	1 980	35 5	60 3	19 9E	31 2	31 5 E	16 0 B	5 350	3 250	7
8	2 080	2 030	2 030	1 970	31 5	70 2	18 8E	26 2	30 5 E	15 8 B	5 320	2 670	8
9	2 080	2 030	2 030	1 980	29 4	85 6	17 9E	22 1	21 5 E	15 7 B	5 320	2 580	9
10	2 050	2 020	2 020	2 010	28 0	106	17 2E	18 8	23 4 E	15 1 B	5 300	2 580	10
11	2 030	1 990	1 990	2 000	26 2	92 5	18 9E	18 8	24 8 E	14 4 B	5 300	2 440	11
12	2 020	2 000	2 000	2 130	26 2	86 9	16 7E	14 7	25 0 E	13 5 B	5 280	2 360	12
13	2 010	2 010	2 010	2 170	26 4	57 9	16 9E	13 8	24 5 E	12 7 B	5 210	2 290	13
14	2 020	2 000	2 000	2 190	28 7	59 2	16 5E	13 8A	22 8 E	11 5 B	5 090	2 220	14
15	2 020	2 000	2 110	2 210	37 3	61 8	17 0E	13 3E	20 4 E	10 8 B	4 920	2 100	15
16	2 000	1 980	2 110	2 220	47 3	62 8	17 5	13 0E	19 5 E	10 1 B	4 580	2 020	16
17	2 000	1 970	2 100	2 230	58 0	153	16 7	12 8E	18 9 E	9 808	4 360	1 980	17
18	2 040	1 970	2 080	2 260	91 5	259	16 0	12 8E	18 9 E	9 128	4 290	1 950	18
19	2 020	1 980	2 060	2 750	86 1	313	17 5	12 4E	11 0 E	8 480	4 290	1 920	19
20	1 980	2 000	2 030	4 500	71 8	150	18 5	12 2E	7 95A	7 980	4 250	1 890	20
21	1 970	2 030	2 020	5 900	75 4	107	17 3	12 1E	8 38	7 285	4 240	1 880	21
22	1 970	2 030	2 030	10 0 0	80 2	107	21 1	12 1E	7 35	6 698	4 200	1 810	22
23	1 980	2 040	2 060	16 5 0	85 4	222	26 5	12 2E	17 3	6 596	4 200	1 780	23
24	2 000	2 020	2 090	24 6	85 7	170	26 2	12 5E	44 1	5 898	4 200	1 780	24
25	2 040	2 010	2 120	25 6	102	127	26 2	13 4E	49 5	5 758	4 180	1 730	25
26	2 070	1 980	2 130	26 0	283	93 7	23 0	14 0E	42 2	5 780	4 000	1 710	26
27	2 080	1 980	2 130	26 1	413	71 4	18 7	16 2E	38 2 E	5 750	4 000	1 680	27
28	2 080	1 960	2 090	24 5	540	64 7	16 8	20 0E	28 6 E	5 600	4 000	1 650	28
29	2 050		2 080	23 3	547	59 3	13 7	24 5E	23 0 E	5 600	3 990	1 640	29
30	2 030		2 080	21 8	453	46 6	13 4	40 0E	21 0 E	5 650	3 980	1 630	30
31	2 020		2 110		398		38 9	48 0E		5 900		1 610	31
TOTAL	63 25	56 36	63 86	250 75	3 974.5	3 814.0	657 3	788 6	753.09	341 58	143 38	74 12	TOTAL
MEAN	2 04	2 01	2 05	8 36	128	127	21 2	25 4	25 1	11 0	4 78	2 39	MEAN
MAX	2 12	2 10	2 13	26 1	547	362	38 7	84 8	49 5	20 2	5 85	3 97	MAX
MIN	1 97	1 96	1 98	1 97	22 5	46 6	13 4	12 1	8 39	5 75	3 98	1 61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30 1
MAXIMUM DAILY, 547 ON MAY 28
MINIMUM DAILY, 1 610 ON DEC 31
MAXIMUM INSTANTANEOUS,
587 AT 21:41 YST ON MAY 28

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 25 38 N
LONG 138 24 10 W
DRAINAGE AREA, 6 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 450	JUL	58 800
FEB	4 870	AUG	84 100
MAR	5 480	SEP	85 100
APR	21 700	OCT	29 500
MAY	343 000	NOV	12 400
JUN	330 000	DEC	6 400

TOTAL DISCHARGE, 949 000 dam³

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1810	1700	1880	1700	1400	208	435	595	584	385E	262	1980	1
2	1590	1700	1860	1680	1420	212	447	587	579	380E	280	1990	2
3	1570	1710	1860	1630	1460	218	458	596	575	370E	256	2000	3
4	1530	1710	1880	1680	1470	226	470	599	577	355A	256	2000	4
5	1500	1710	1890	1630	1490	233	483	602	578	349	254	2010	5
6	1490	1710	1890	1500	1500	236	496	600	571	342	251	1990	6
7	1470	1710	1890	1460	1510	245	505	602	568	334	249	1950	7
8	1490	1710	1890	1450	1540	250	521	603	568	328	246	1930	8
9	1500	1710	1890	1440	1570	256	533	605	567	323	242	1910	9
10	1510	1710	1880	1430	1600	263	541	602	562	319	239	1900	10
11	1510	1720	1900	1410	1620	272	547	602	559	322	234	1900	11
12	1520	1720	1900	1400	1650	276	555	602	559	310	231	1910	12
13	1530	1730	1900	1400	1680	284	563	604	557	307	228	1890	13
14	1530	1740	1910	1390	1700	292	567	604	556	304	226A	1870	14
15	1540	1750	1910	1390	1720	300	572	603	547	300	224	1880	15
16	1550	1780	1920	1380	174	305	573	603	541	297	224	1850	16
17	1560	1780	1920	1380	170	311	576	605	533	295	223	1840	17
18	1560	1800	1920	1370	173	318	579	604	527	291	224	1830	18
19	1580	1800	1920	1370	182	325	581	603	520	290	222	1810	19
20	1600	1810	1930	1380	186	332	583	605	511	288	222	1780	20
21	1600	1820	1920	1380	189	341	584	605	504	285	220	1760	21
22	1600	1820	1910	1380	192	350	590	603	488	285	217	1740	22
23	1610	1850	1900	1340	194	358	588	600	473	283	217	1720	23
24	1610	1880	1880	1330	196	365	587	601	461	277	215	1710	24
25	1620	1880	1870	1320	197	374	589	597	444	276	215	1720	25
26	1630	1880	1840	1330	186	382	590	594	426	277	213	1730	26
27	1640	1880	1820	1340	195	383	589	592	425E	272	211	1740	27
28	1650	1880	1810	1350	200	401	592	589	415E	274	209	1750	28
29	1660		1800E	1360	201	411	595	588	405E	284	206	1770	29
30	1660		1790	1390	201	422	594	589	398E	284	206	1780	30
31	1660		1770		204		591	585		284	2008	1760	31
TOTAL	4 876	4 982	5 831	4 275	5 397	8 102	17 072	18 581	15 574	9 517	6 895	5 744	TOTAL
MEAN	157	177	188	143	174	305	551	599	519	307	230	185	MEAN
MAX	188	188	193	170	204	422	595	605	584	385	262	201	MAX
MIN	147	170	177	132	140	208	435	585	395	284	200	171	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 298
MAXIMUM DAILY, 605 ON AUG 20
MINIMUM DAILY, 1320 ON APR 25
MAXIMUM INSTANTANEOUS,
611 AT 20:36 YST ON AUG 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 04 N
LONG 135 11 18 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	421 000	JUL	1 480 000
FEB	429 000	AUG	1 610 000
MAR	504 000	SEP	1 380 000
APR	388 000	OCT	822 000
MAY	488 000	NOV	598 000
JUN	702 000	DEC	498 000

TOTAL DISCHARGE, 9 340 000 dam³

YUKON RIVER ABOVE WHITE RIVER - STATION NO 09EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3680	3750	3420	3300	6730	3 430	2 360	1 610	1 700	1 270	8500	5950	1
2	3660	3730	3430	3310	6860	3 020	2 280	1 610	1 690	1 260	8500	5900	2
3	3700	3710	3450	3320	6930	2 830	2 230	1 650	1 670	1 250	8500	5850	3
4	3650	3700	3450	3350	6950	2 130	2 170	1 600	1 640	1 250	8400	5850	4
5	3680	3700	3400	3400	6710	2 200	2 130	1 610	1 620	1 230	8350	5580	5
6	3550	3720	3350	3420	6820	2 200	2 080	1 590	1 630	1 220	8200	5500	6
7	3500	3780	3250	3450	6210	2 210	2 080	1 610	1 640	1 200	7820	5400	7
8	3480	3750	3200	3460	5050	2 160	2 030	1 600	1 650	1 190	7650	5300	8
9	3480	3720	3200	3400	7150	2 760	2 070	1 570	1 630	1 170	7580	5000	9
10	3500	3700	3200	3350	8500	3 300	2 020	1 550	1 660	1 130	7500	4900	10
11	3510	3700	3250	3300	9450	3 1.0	1 980	1 540	1 650	1 110	7450	4820	11
12	3530	3700	3300	3250	1 0500	3 030	1 920	1 530	1 680	1 100	7350	4750	12
13	3600	3650	3300	3260	1 1600	2 970	1 900	1 540	1 650	1 100	7200	4820	13
14	3650	3600	3280	3260	1 2000	2 910	1 880	1 550	1 620	1 100	7150	4680	14
15	3700	3600	3250	3250	1 5000	2 870	1 890	1 630	1 600	1 080	7100	4620	15
16	3750	3600	3250	3400	1 680	2 830	1 910	1 680	1 580	1 070	7000	4350	16
17	3600	3350	3280	3420	1 740	2 830	1 950	1 730	1 570	1 050	7000	4280	17
18	3810	3300	3280	3410	1 770	2 780	1 950	1 820	1 580	1 040	6950	4200	18
19	3810	3310	3300	3390	1 780	2 720	2 080	1 850	1 640	1 020	6900	4150	19
20	3680	3320	3320	3350	1 850	2 680	2 110	1 840	1 620	1 010	6820	4150	20
21	3750	3320	3350	3330	1 880	2 680	2 120	1 810	1 590	1 000	6680	4120	21
22	3700	3350	3400	3480	1 870	2 670	2 060	1 810	1 480	990	6650	4050	22
23	3700	3400	3420	3500	1 870	2 680	1 950	1 800	1 480	995	6300	3970	23
24	3680	3450	3450	3480	1 870	2 660	1 930	1 800	1 480	980	6200	3950	24
25	3680	3400	3460	3460	1 850	2 600	1 870	1 780	1 420	960	6170	3900	25
26	3670	3400	3400	3940	1 810	2 550	1 810	1 760	1 390	970	6170	3900	26
27	3670	3370	3350	4080	1 780	2 530	1 760	1 750	1 370	965	6150	3890	27
28	3700	3340	3300	4270	1 730	2 490	1 720	1 750	1 340	9400	6100	3880	28
29	3710		3280	4350	1 740	2 450	1 690	1 750	1 290	9200	6050	3870	29
30	3720		3290	4560	1 800	2 400	1 660	1 740	1 370	8980	6000	3850	30
31	3760		3300		2 080		1 630	1 720		8750		3880	31
TOTAL	11 384	8 813	10 314	10 821	40 849	81 540	61 270	52 350	46 630	33 333	21 438	14 223	TOTAL
MEAN	367	314	333	354	1 310	3 050	1 980	1 690	1 550	1 080	715	459	MEAN
MAX	388	376	345	456	2 080	4 210	2 360	1 850	1 700	1 270	850	595	MAX
MIN	348	330	320	325	671	2 400	1 630	1 630	1 270	875	600	388	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 110
MAXIMUM DAILY, 4 210 ON JUN 7
MINIMUM DAILY, 3200 ON MAR 8
MAXIMUM INSTANTANEOUS,
4 360 AT 04 05 YST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 05 02 N
LONG 139 29 40 W
DRAINAGE AREA, 150 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	884 000	JUL 5 290 000	
FEB	855 000	AUG 4 510 000	
MAR	891 000	SEP 4 030 000	
APR	918 000	OCT 2 880 000	
MAY	3 510 000	NOV 1 850 000	
JUN	7 010 000	DEC 1 230 000	

TOTAL DISCHARGE, 34 800 000 dam³

YUKON RIVER AT CARMACKS - STATION NO 09AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2868	3108	2828	2668	3908	1 250	1 330	1 140	1 080	908	811	4108	1
2	2848	3098	2808	2748	435	1 440	1 330	1 150	1 080	907	801	4028	2
3	2868	3048	2748	2808	615	1 470	1 330	1 150	1 080	902	597	3918	3
4	2858	3058	2758	2828	396	1 420	1 330	1 130	1 070	880	588	3818	4
5	2848	3098	2688	2808	382	1 320	1 340	1 120	1 100	871	581	3708	5
6	2818	3078	2638	2788	373	1 310	1 370	1 120	1 130	855	5808	3648	6
7	2788	3048	2598	2768	377	1 380	1 420	1 110	1 120	845	5808	3588	7
8	2758	3028	2568	2758	388	1 400	1 410	1 100	1 110	841	5408	3508	8
9	2768	3028	2568	2778	408	1 380	1 380	1 090	1 110	818	5258	3408	9
10	2778	3048	2598	2768	432	1 380	1 370	1 080	1 110	784	5178	3328	10
11	2748	3008	2598	2738	454	1 420	1 380	1 080	1 110	784	5108	3258	11
12	2708	2988	2608	2718	471	1 480	1 380	1 090	1 100	808	5078	3208	12
13	2818	2918	2628	2728	477	1 470	1 380	1 110	1 100	801	4978	3158	13
14	2858	2808	2618	2758	481	1 430	1 370	1 120	1 100	784	4808	3128	14
15	2908	2758	2608	2768	487	1 420	1 370	1 120	1 110	774	4808	3108	15
16	2948	2708	2628	2798	520	1 420	1 380	1 120	1 110	761	4778	3088	16
17	2978	2688	2658	2748	555	1 430	1 360	1 140	1 100	748	4728	3068	17
18	3018	2650	2688	2758	595	1 420	1 320	1 140	1 080	748	4678	3058	18
19	3038	2708	2698	2738	632	1 410	1 340	1 130	1 080	747	4628	3038	19
20	3028	2708	2708	2748	614	1 430	1 380	1 110	1 070	738	4568	3008	20
21	3018	2718	2708	2758	615	1 440	1 330	1 110	1 080	728	4428	2978	21
22	2988	2728	2688	2768	628	1 440	1 300	1 100	1 080	718	4308	2928	22
23	2938	2748	2658	2808	638	1 430	1 260	1 080	1 050	712	4248	2888	23
24	2898	2758	2638	2838	656	1 410	1 260	1 090	1 030	702	4218	2868	24
25	2918	2778	2608	2908	688	1 400	1 240	1 090	1 010	690	4208	2868	25
26	2978	2788	2588	3008	670	1 390	1 220	1 080	983	688	4208	2868	26
27	3028	2788	2588	3108	678	1 390	1 210	1 080	950	676	4178	2908	27
28	3038	2808	2578	3258	677	1 390	1 200	1 070	912	653	4138	2888	28
29	3068		2608	3408	686	1 370	1 190	1 080	907	654	4128	2858	29
30	3108		2648	3558	747	1 380	1 180	1 080	908	648	4148	2858	30
31	3128		2658		957		1 170	1 080		623		2848	31
TOTAL	9 048	8 053	8 202	8 550	18 908	42 080	40 730	34 260	31 780	23 626	14 721	8 977	TOTAL
MEAN	292	288	265	285	545	1 400	1 310	1 110	1 060	769	491	322	MEAN
MAX	312	310	282	355	957	1 440	1 420	1 160	1 130	908	811	410	MAX
MIN	275	268	258	268	373	1 250	1 170	1 080	907	623	412	284	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 680
MAXIMUM DAILY, 1 480 ON JUN 12
MINIMUM DAILY, 2588 ON MAR 8
MAXIMUM INSTANTANEOUS,
1 490 AT 13:06 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 05 45 N
LONG 136 18 18 W
DRAINAGE AREA, 81 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	782 000	JUL 3 530 000	
FEB	680 000	AUG 2 980 000	
MAR	700 000	SEP 2 750 000	
APR	720 000	OCT 2 060 000	
MAY	1 480 000	NOV 1 270 000	
JUN	3 660 000	DEC 882 000	

TOTAL DISCHARGE, 21 400 000 dam³

YUKON RIVER AT DAWSON - STATION NO 09EB001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	...	...	...	...	...	3 009	3 201	2 941	2 445	1 426	...	...	1
2	...	...	...	...	...	3 934	3 116	2 822	2 403	1 423	...	...	2
3	...	...	...	...	...	4 119	3 028	2 978	2 353	1 427	...	...	3
4	...	...	...	...	...	4 528	2 989	2 863	2 318	1 436	...	...	4
5	...	...	...	...	...	4 853	2 914	2 949	2 279	1 432	...	...	5
6	...	...	...	...	...	4 893	2 913	2 820	2 249	1 417	...	...	6
7	...	...	...	...	...	5 039	3 088	2 894	2 244	1 388	...	...	7
8	...	...	...	...	...	4 906	3 306	2 996	2 218	1 331	...	...	8
9	...	...	...	...	...	4 353	3 093	2 897	2 184	1 295	...	...	9
10	...	...	...	...	...	3 931	2 899	2 836	2 117	1 181	...	...	10
11	...	...	...	...	...	3 658	2 784	2 641	2 089	1 142	...	...	11
12	...	...	...	...	2 055	3 485	2 649	2 507	2 063	1 141	...	...	12
13	...	...	...	...	2 080	3 405	2 552	2 547	2 013	1 118	...	...	13
14	...	...	...	...	2 104	3 341	2 538	2 588	1 951	1 084	...	...	14
15	...	...	...	...	2 195	3 389	2 581	2 741	1 899	1 059	...	...	15
16	...	...	...	...	2 288	3 388	2 553	2 844	1 852	1 031	...	...	16
17	...	...	...	...	2 361	3 455	2 549	2 838	1 814	...	...	...	17
18	...	...	...	...	2 419	3 367	2 571	2 780	1 778	...	...	...	18
19	...	...	...	...	2 429	3 284	2 589	2 740	1 744	...	...	...	19
20	...	...	...	...	2 429	3 278	2 618	2 709	1 712	...	...	...	20
21	...	...	...	...	2 386	3 334	2 696	2 685	1 686	...	...	...	21
22	...	...	...	...	2 309	3 483	2 679	2 604	1 678	...	...	...	22
23	...	...	...	...	2 244	3 506	2 837	2 549	1 703	...	...	...	23
24	...	...	...	...	2 200	3 488	2 852	2 525	1 716	...	...	...	24
25	...	...	...	...	2 190	3 437	2 888	2 507	1 703	...	...	...	25
26	...	...	...	...	2 174	3 457	2 883	2 470	1 629	...	...	...	26
27	...	...	...	...	2 185	3 481	2 931	2 457	1 581	...	...	...	27
28	...	...	...	...	2 188	3 424	2 852	2 495	1 518	...	...	...	28
29	...		...	...	2 253	3 394	2 807	2 525	1 479	...	...	...	29
30	...		...	...	2 388	3 332	2 814	2 488	1 443	...	...	...	30
31	...		...		2 632		2 801	2 470		...		...	31
MEAN	...	...	...	...	...	3 718	2 778	2 613	1 927	...	...	...	MEAN
MAX	...	...	...	...	...	5 039	3 306	2 949	2 445	...	...	...	MAX
MIN	...	...	...	...	...	3 009	2 407	2 426	1 443	...	...	...	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 5 039 ON JUN 7

MAXIMUM INSTANTANEOUS,
5 069 AT 17 21 YST ON JUN 7

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2
APPLY 311 826 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 04 12 N
LONG 139 25 30 W

REGULATED SINCE 1935

DRAINAGE AREA,
284 000 km²

YUKON RIVER AT EAGLE - STATION NO 09ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9630	7080	5950	5100	2 270E	5 240	5 750	4 720	4 300	2 580	1 270E	7830	1
2	9630	7080	5950	5100	2 830E	5 970	5 490	4 720	4 250	2 540	1 250E	7930	2
3	9630	7080	5950	5100	3 860E	7 110	5 350	4 640	4 180	2 550	1 220E	7880	3
4	9630	7080	5950	5100	3 860E	8 240	5 240	4 640	4 080	2 550	1 190E	7880	4
5	9630	7080	5950	5100	4 250E	9 090	5 210	5 300	4 020	2 580	1 180E	7850	5
6	9340	6800	5680	5100	4 530E	9 800	5 040	5 210	3 810	2 540	1 130E	7850	6
7	9340	6800	5680	5100	4 810E	9 710	5 130	4 930	3 880	2 510	1 130E	7380	7
8	9080	6800	5680	5100	4 810E	9 680	5 550	4 670	3 850	2 440	1 100E	7380	8
9	9080	6800	5680	5100	4 810E	9 810	5 550	4 670	3 790	2 350	1 080E	7380	9
10	8780	6800	5680	5100	4 530E	7 500	5 150	4 260	3 550	2 280	1 080E	7360	10
11	8780	6800	5680	5100	4 250E	6 850	4 900	4 190	3 800	2 190	1 050E	7080	11
12	8780	6800	5680	5100	3 860	6 170	4 790	4 260	3 540	2 170	1 020E	7080	12
13	8500	6800	5680	5100	3 820	8 000	4 590	4 380	3 480	2 170	9910	7080	13
14	8500	6510	5680	5100	3 810	6 830	4 470	4 420	3 400	2 140	9910	7080	14
15	8500	6510	5680	5100	4 020	5 780	4 500	4 560	3 280	2 120	9910	6800	15
16	8210	6510	5680	5100	4 190	5 830	4 450	4 930	3 230	2 080	9630	6800	16
17	8210	6510	5680	5100	4 280	6 230	4 420	5 180	3 140	2 040	9630	6800	17
18	8210	6510	5380	5100	4 300	6 230	4 390	5 070	3 090	1 980E	9340	6800	18
19	8210	6230	5380	5100	4 330	5 950	4 560	4 950	3 030	1 900E	9340	6800	19
20	7930	6230	5380	5100	4 360	5 800	5 580	4 840	2 970	1 810E	9080	6510	20
21	7930	6230	5380	5380	4 330	6 030	6 030	4 760	2 920	1 780E	9080	6510	21
22	7930	6230	5380	5660	4 130	6 540	5 860	4 640	2 920	1 700E	8780	6510	22
23	7650	6230	5380	5950	3 940	6 850	5 470	4 500	2 840	1 640E	8780	6510	23
24	7650	6230	5380	6510	3 820	6 480	5 240	4 450	3 030	1 590E	8500	6510	24
25	7650	6230	5380	7080	3 780	6 290	5 270	4 450	3 080	1 530E	8500	6510	25
26	7650	5950	5380	7650	3 780	6 170	5 040	4 450	2 840	1 470E	8500	6230	26
27	7360	5950	5380	8500	3 820	6 170	4 590	4 380	2 780	1 420E	8210	6230	27
28	7360	5950	5380	9910	3 820	6 140	4 330	4 380	2 680	1 420E	8210	6230	28
29	7360		5380	1 130E	3 650	6 140	4 190	4 450	2 620	1 390E	8210	6230	29
30	7360		5380	1 700E	4 110	6 030	4 190	4 450	2 590	1 330E	7930	6230	30
31	7360		5380		4 560		4 360	4 360		1 300E		6230	31
TOTAL	26 082	18 381	17 299	18 894	125 780	204 040	154 650	143 850	101 140	62 010	29 821	21 488	TOTAL
MEAN	841	656	558	623	4 060	6 800	4 990	4 640	3 370	2 000	994	692	MEAN
MAX	963	708	595	1 700	4 810	9 710	6 030	5 300	4 300	2 580	1 270	793	MAX
MIN	738	595	538	510	2 270	5 240	4 190	4 190	2 590	1 300	793	623	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 530
MAXIMUM DAILY, 9 710 ON JUN 7
MINIMUM DAILY, 510 ON APR 1
MAXIMUM INSTANTANEOUS,
9 770 AT 15:30 AST ON JUN 7

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 47 22 N
LONG 141 11 52 W
DRAINAGE AREA, 294 000 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 250 000	JUL	13 400 000
FEB	1 590 000	AUG	12 400 000
MAR	1 490 000	SEP	8 740 000
APR	1 620 000	OCT	5 350 000
MAY	10 800 000	NOV	2 560 000
JUN	17 600 000	DEC	1 850 000

TOTAL DISCHARGE, 79 800 000 dam³

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139	1528	1918	130	113	170	328	411	435	190	193	139	1
2	141	1528	1908	130	114	188	277	414	425	194	190	134	2
3	137	1538	2048	128	112	182	289	420	417	189	188	134	3
4	139	1528	2098	124	113	195	293	429	422	188	189	134	4
5	137	1528	1988	125	114	198	299	413	420	187	189	135	5
6	136	1548	2008	122	125	203	333	423	416	191	188	135	6
7	135	1538	1968	127	113	208	389	423	412	191	190	136	7
8	135	1538	1948	122	111	213	388	424	409	189	188	135	8
9	137	1548	1908	117	112	227	384	428	408	192	182	136	9
10	136	1658	1918	118	112	239	383	429	408	193	182	135	10
11	150	1708	1958	122	112	238	383	421	403	192	176	133	11
12	167	1638	1888	118	116	255	395	423	403	200	174	136	12
13	153	1858	1888	119	114	257	392	424	396	208	177	134	13
14	152	1828	1938	121	111	259	391	435	387	183	174	133	14
15	151	1728	2028	118	111	271	384	440	374	192	172	134	15
16	154	1748	2048	114	159	273	385	431	372	191	175	133	16
17	1538	1688	2038	116	156	273	390	430	348	191	173	134	17
18	1528	1688	2018	113	165	274	381	433	347	192	174	133	18
19	1458	1748	1988	111	167	284	387	430	300	191	175	132	19
20	1478	1778	1988	114	184	282	388	433	312	196	175	132	20
21	1588	1798	1948	111	186	281	394	442	281	193	174	132	21
22	1668	1868	1918	112	183	284	388	440	278	192	188	138	22
23	1648	1868	1848	106	187	290	400	437	274	192	188	130	23
24	1538	1848	1718	108	187	298	398	437	216	195	172	130	24
25	1518	1858	1688	108	187	301	401	435	231	192	184	129	25
26	1508	1848	1418	120	187	303	398	437	212	190	151	127	26
27	1498	1828	1358	112	187	315	403	437	212	193	146	128	27
28	1508	1848	1418	112	186	329	402	430	207	193	142	128	28
29	1668		1528	113	182	327	409	432	206	193	137	137	29
30	1548		1468	114	186	332	409	427	215	186	138	139	30
31	1528		1328		187		411	418		189		136	31
TOTAL	4 587	4 763	5 690	3 523	4 348	7 747	11 683	13 290	10 151	5 946	5 184	4 131	TOTAL
MEAN	148	170	184	117	140	258	377	428	338	192	173	133	MEAN
MAX	167	186	209	130	186	332	411	442	435	208	193	139	MAX
MIN	135	152	132	106	111	170	277	411	206	183	137	127	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 232
MAXIMUM DAILY, 442 ON AUG 21
MINIMUM DAILY, 106 ON APR 23

DATA CONTRIBUTED BY -
NORTHERN CANADA POWER COMMISSION

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 60 42 50 N
LONG 135 02 35 W
DRAINAGE AREA, 19 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	396 000	JUL	1 010 000
FEB	412 000	AUG	1 150 000
MAR	492 000	SEP	877 000
APR	304 000	OCT	514 000
MAY	376 000	NOV	448 000
JUN	669 000	DEC	357 000

TOTAL DISCHARGE, 7 010 000 dam³

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.148	1.21 B	0.7048	0.3298	0.410	3.14	50.4	17.7	12.7	15.3	13.6	7.56	1
2	2.098	1.19 B	0.6728	0.3448	0.402	5.24	56.3	17.0	12.8	15.2	13.4	7.22	2
3	2.158	1.16 B	0.6518	0.3668	0.393	6.21	52.4	16.2	12.8	15.0	13.4	7.05	3
4	2.178	1.15 B	0.6258	0.3958	0.385	7.19	46.8	15.6	12.7	14.9	13.2	6.86	4
5	2.098	1.16 B	0.6018	0.4108	0.381	9.37	45.5	15.0	12.6	14.7	12.9	6.65	5
6	2.098	1.16 B	0.5778	0.4178	0.378	11.3 A	42.4	14.3	12.7	14.8	12.5	6.66	6
7	2.138	1.14 B	0.5608	0.4268	0.377	14.5 E	38.3	14.0	12.9	15.0	11.9	6.84	7
8	2.168	1.12 B	0.5508	0.4378	0.374	20.5 E	36.7	13.7	12.9	15.1	11.0	6.52	8
9	2.158	1.10 B	0.5408	0.4488	0.374	28.4 E	34.7	13.4	13.0	15.3	10.4	6.23	9
10	2.098	1.07 B	0.5318	0.4868	0.376	35.9 E	33.2	13.0	13.2	15.4	10.5	5.93	10
11	2.038	1.04 B	0.5238	0.4888	0.373	42.4 E	31.8	12.7	13.4	15.6	10.8	5.71	11
12	1.978	1.05 B	0.5148	0.4898	0.360	49.5 E	30.8	12.4	13.5	15.9	10.7	5.55A	12
13	1.928	1.06 B	0.5048	0.4828	0.354	57.8 E	30.0	12.1	13.6	15.9	10.5	5.31E	13
14	1.878	1.06 B	0.4938	0.4618	0.348	68.0 E	29.3	12.1	13.7	15.8	10.3	5.07E	14
15	1.828	1.07 B	0.4798	0.4708	0.336	72.9 E	28.9	12.8	14.0	15.9	10.3	4.97E	15
16	1.788	1.05 B	0.4638	0.4788	0.323	79.6 E	28.4	12.9	14.3	15.4	10.4	4.80E	16
17	1.768	1.02 B	0.4398	0.4828	0.309	87.1 E	27.7	12.9	14.5	15.3	10.1	4.62E	17
18	1.758	1.02 B	0.4108	0.481	0.292	92.8 E	26.8	12.8	14.6	15.5	9.85	4.48E	18
19	1.708	B 99.18	0.4038	0.482	0.280	98.5 E	26.0	12.6A	14.8	15.5	9.52	4.38E	19
20	1.598	0.9808	0.4028	0.482	0.293	96.8 E	25.2	12.4E	14.8	15.5	9.28	4.23E	20
21	1.538	0.8408	0.3988	0.482	0.330	98.2 E	24.6	12.3E	14.8	15.4	9.10	4.13E	21
22	1.488	0.9268	0.3828	0.482	0.326	94.8 E	24.1	12.1E	14.6	15.3	8.93	4.00E	22
23	1.438	0.9208	0.3658	0.481	0.298	92.6 A	23.5	12.0E	14.4	15.7	8.91	3.82E	23
24	1.408	0.9178	0.3788	0.477	0.304	89.0	23.0	11.9E	14.4	15.5	8.68	3.72E	24
25	1.378	0.8818	0.3628	0.484	0.297	85.4	22.4	11.8E	14.7	15.4	8.74	3.63E	25
26	1.358	0.7878	0.3498	0.481	0.293	81.1	21.7	11.8E	14.8	15.1	8.64	3.58E	26
27	1.318	0.7588	0.3338	0.434	0.294	78.9	21.1	11.9E	15.2	14.7	8.46	3.50E	27
28	1.288	0.7408	0.3178	0.433	0.289	72.8	20.4	12.0E	15.4	14.5	8.28	3.48E	28
29	1.278		0.3038	0.427	0.327	68.8	19.8	12.1A	15.4	14.9	8.05	3.40E	29
30	1.278		0.3068	0.418	0.478	64.6	19.1	12.1	15.5	14.8	7.86	3.33E	30
31	1.268		0.3198		1.18		18.4	12.4		14.2		3.27E	31
TOTAL	54.62	28.831	14.483	13.333	11.546	1 705.25	972.8	407.8	418.8	472.2	310.41	156.89	TOTAL
MEAN	1.76	1.02	0.467	0.444	0.372	56.8	31.4	13.2	14.0	15.2	10.3	5.06	MEAN
MAX	2.18	1.21	0.704	0.488	1.18	98.8	60.4	17.7	15.5	15.9	13.6	7.56	MAX
MIN	1.26	0.740	0.303	0.329	0.289	3.14	18.4	11.8	12.8	14.2	7.86	3.27	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 98.8E ON JUN 20
MINIMUM DAILY, 0.289 ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 52 47 N
LONG 118 08 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 700	JUL	84 000
FEB	2 470	AUG	35 200
MAR	1 250	SEP	36 200
APR	1 150	OCT	40 800
MAY	998	NOV	26 800
JUN	147 000	DEC	13 800

TOTAL DISCHARGE, 394 000 dam³

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0 B	0.165E	0.001E	0.184	0.740E	---	---	1
2	---	---	---	---	0B	0 B	0.170E	0.001E	0.219	0.480E	---	---	2
3	---	---	---	---	0B	0 B	0.160E	0 E	0.216E	0.300E	---	---	3
4	---	---	---	---	0B	0 B	0.152	0	0.209E	0.200E	---	---	4
5	---	---	---	---	0B	0 B	0.127	0.004E	0.200E	0.130E	---	---	5
6	---	---	---	---	0B	0 B	0.122	0.012	0.195E	0.084E	---	---	6
7	---	---	---	---	0B	0 B	0.119	0.011E	0.188E	0.054E	---	---	7
8	---	---	---	---	0B	0 B	0.109	0.011	0.178	0.038E	---	---	8
9	---	---	---	---	0B	0.0608	0.104E	0.012	0.173E	0.021E	---	---	9
10	---	---	---	---	0B	1.30 E	0.101E	0.015E	0.168E	0.010E	---	---	10
11	---	---	---	---	0B	3.80 B	0.100	0.018	0.165E	0.001E	---	---	11
12	---	---	---	---	0B	3.33	0.088	0.023	0.181	0 B	---	---	12
13	---	---	---	---	0B	2.26	0.091	0.230	0.169	0 B	---	---	13
14	---	---	---	---	0B	2.71	0.081E	0.495	0.158	0 B	---	---	14
15	---	---	---	---	0B	3.08	0.078E	0.501	0.158E	0 B	---	---	15
16	---	---	---	---	0B	2.60	0.070E	0.501	0.155	0 B	---	---	16
17	---	---	---	---	0B	2.15	0.060E	0.485	0.163E	0 B	---	---	17
18	---	---	---	---	0B	1.60 E	0.050	0.405	0.160E	0 B	---	---	18
19	---	---	---	---	0B	1.15 E	0.047E	0.388	0.203	0 B	---	---	19
20	---	---	---	---	0B	0.784	0.045	0.345E	0.180E	0 B	---	---	20
21	---	---	---	---	0B	0.671	0.042E	0.310E	0.158	0 B	---	---	21
22	---	---	---	---	0B	0.638	0.038E	0.271	0.133	0 B	---	---	22
23	---	---	---	---	0B	0.501	0.033	0.250E	0.155E	0 B	---	---	23
24	---	---	---	---	0B	0.501	0.023	0.224	0.160E	0 B	---	---	24
25	---	---	---	---	0B	0.380E	0.021E	0.221	0.210	0 B	---	---	25
26	---	---	---	---	0B	0.320E	0.018E	0.208	0.209E	0 B	---	---	26
27	---	---	---	---	0B	0.257	0.016	0.184	0.203	0 B	---	---	27
28	---	---	---	---	0B	0.275	0.018	0.177E	0.580	0 B	---	---	28
29	---		---	---	0B	0.230	0.008	0.189E	1.22	0 B	---	---	29
30	---		---	---	0B	0.200	0.004E	0.184E	1.12	0 B	---	---	30
31	---		---		0B		0.002E	0.184		0 B			31
TOTAL	---	---	---	---	0	28.787	3.279	5.777	7.788	2.058	---	---	TOTAL
MEAN	---	---	---	---	0	0.960	0.074	0.186	0.280	0.066	---	---	MEAN
MAX	---	---	---	---	0	3.80	0.185	0.501	1.22	0.740	---	---	MAX
MIN	---	---	---	---	0	0	0.002	0	0.133	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.354
MAXIMUM DAILY, 3.80B ON JUN 11
MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 64 19 10 N
LONG 95 01 50 W
DRAINAGE AREA, 18.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	197
FEB	---	AUG	488
MAR	---	SEP	673
APR	---	OCT	178
MAY	0	NOV	---
JUN	2 490	DEC	---

TOTAL DISCHARGE, 4 040 dam³

NORTHWEST TERRITORIES

ALLEN RIVER NEAR THE MOUTH - STATION NO 10TC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0 B	15 9	10 4	---	---	---	---	1
2	---	---	---	---	0B	0 B	21 7	7 16	---	---	---	---	2
3	---	---	---	---	0B	0 B	20 4	7 87	---	---	---	---	3
4	---	---	---	---	0B	0 B	18 4	9 87	---	---	---	---	4
5	---	---	---	---	0B	0 B	20 8	8 87	---	---	---	---	5
6	---	---	---	---	0B	0 B	23 0	8 12	---	---	---	---	6
7	---	---	---	---	0B	0 B	28 3	6 31	---	---	---	---	7
8	---	---	---	---	0B	0 B	25 4	6 91	---	---	---	---	8
9	---	---	---	---	0B	0 B	35 2	21 1 1 35A	---	---	---	---	9
10	---	---	---	---	0B	0 B	40 0	8 69	---	---	---	---	10
11	---	---	---	---	0B	0 B	36 7	5 16	---	---	---	---	11
12	---	---	---	---	0B	0 B	44 8	2 73	---	---	---	---	12
13	---	---	---	---	0B	0 B	66 6	1 74	---	---	---	---	13
14	---	---	---	---	0B	0 B	92 1 A	1 51	---	---	---	---	14
15	---	---	---	---	0B	---	---	1 35	---	---	---	---	15
16	---	---	---	---	0B	---	---	0 973	---	0B	---	---	16
17	---	---	---	---	0B	---	---	0 815A	---	0B	---	---	17
18	---	---	---	---	0B	---	---	---	---	0B	---	---	18
19	---	---	---	---	0B	---	---	---	---	0B	---	---	19
20	---	---	---	---	0B	---	---	---	---	0B	---	---	20
21	---	---	---	---	0B	---	---	---	---	0B	---	---	21
22	---	---	---	---	0B	---	---	---	---	0B	---	---	22
23	---	---	---	---	0B	---	---	---	---	0B	---	---	23
24	---	---	---	---	0B	---	---	---	---	0B	---	---	24
25	---	---	---	---	0B	---	---	---	---	0B	---	---	25
26	---	---	---	---	0B	---	---	---	---	0B	---	---	26
27	---	---	---	---	0B	---	---	---	---	0B	---	---	27
28	---	---	---	---	0B	---	11 9 A	---	---	0B	---	---	28
29	---		---	---	0B	12 6A	10 7	---	---	0B	---	---	29
30	---		---	---	0B	12 1	8 76	---	---	0B	---	---	30
31	---		---		0B		11 6	---		0B		---	31
TOTAL	---	---	---	---	0	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	0	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 74 50 20 N
LONG 94 03 30 W
DRAINAGE AREA, 468 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	0	NOV	---
JUN	---	DEC	---

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO 10NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4B	12 1B	10.2 B	9.91B	9 80B	1 400B	260	129	75 2	69.8B	59.4B	49.0B	1
2	17 1B	12 0B	10.2 B	9 91B	9 80B	1 720B	251	125	75 8	69.8B	59 0B	48.0B	2
3	16.9B	12 0B	10 2 B	9 87B	9 77B	1 880B	240	122	76 4	69 8B	58 5B	47.3B	3
4	16 5B	12 0B	10 2 B	9 87B	9 80B	1 960B	232	118	77 8	69 8B	58.0B	46.7B	4
5	16.2B	12 0B	10.2 B	9 87B	9 80B	2 000B	223	116	76 1	69.8B	57.6B	45.8B	5
6	16.0B	11 9B	10.0 B	9.86B	9 80B	2 000B	214	115	74 8	70.0B	57.0B	45.0B	6
7	15.8B	11 7B	10.0 B	9.83B	9 80B	1 960E	208	114	73 0	70.0B	56.5B	44.3B	7
8	15.6B	11 7B	10.0 B	9.83B	10 0 B	1 960E	198	113	72 5	70.0B	56.0B	43.7B	8
9	15.4B	11.5B	10.0 B	9.83B	10 8 B	1 880E	190	111	71 5	70.0B	55.8B	42.8B	9
10	15.2B	11.5B	10.0 B	9.83B	12 2 B	1 760E	183	107	71.1	70.0B	54.0B	42.0B	10
11	15.0B	11.5B	10.0 B	9.83B	14 4 B	1 660E	176	104	70.9	70.0B	54.0B	41.0B	11
12	14.9B	11.3B	10.0 B	9.83B	17 8 B	1 520E	168	99.9	70.8	70.3B	53.5B	40.2B	12
13	14.7B	11.3B	10.0 B	9.83B	20 8 B	1 360E	164	97.8	70.4	70.3B	52.7B	39.8B	13
14	14.5B	11.3B	10.0 B	9.83B	22.7 B	1 220E	161	97.5	70.2	70.3B	52.0B	38.9B	14
15	14.3B	11.0B	10.0 B	9.83B	25 4 B	1 070E	158	97.1	70.0	70.3B	51.3B	38.2B	15
16	14.1B	11.0B	9.97B	9.83B	28.8 B	930E	157	96.1	69.9	70.3B	50.5B	37.5B	16
17	14.0B	11.0B	9.97B	9.83B	32.0 B	810E	152	94.4	69.7	70.3B	50.0B	36.8B	17
18	13.9B	11.0B	9.97B	9.83B	36.0 B	690E	149	92.8	69 5	70.6B	49.5B	36.2B	18
19	13.8B	10.8B	9.97B	9.83B	41.0 B	590E	177	91.0	69.2	70.6B	48.3B	35.6B	19
20	13.6B	10.8B	9.97B	9.80B	48.0 B	530E	179	89.2	68.3E	70.6B	47.6B	34.4B	20
21	13.5B	10.8B	9.94B	9.80B	55.5 B	480E	179	87.5	68.3E	70.6B	46.7B	34.2B	21
22	13.3B	10.8B	9.94B	9.80B	65.0 B	425E	176	85.6	68.3E	70.6B	46.0B	33.8B	22
23	13.2B	10.6B	9.94B	9.80B	76.0 B	385E	172	83.6	68.3E	70.6B	45.2B	33.0B	23
24	13.0B	10.6B	9.94B	9.80B	92.0 B	365E	168	81.7	68.3E	70.6B	44.5B	32.5B	24
25	12.7B	10.6B	9.94B	9.80B	110 B	343E	162	79.7	68.5B	70.6B	43.7B	31.6B	25
26	12.4B	10.4B	9.91B	9.80B	145 B	318E	156	77.9	68.5B	70.4B	43.8B	31.4B	26
27	12.3B	10.4B	9.91B	9.80B	180 B	288A	152	78.1	68.5B	70.4B	42.0B	30.7B	27
28	12.3B	10.4B	9.91B	9.80B	250 B	280	148	74.7	68.5B	70.0B	41.2B	30.2B	28
29	12.2B		9.91B	9.80B	370 B	278	143	74.6	68.5B	70.0B	40.4B	29.8B	29
30	12.2B		9.91B	9.80B	510 B	269	138	74.3	68.5B	70.0B	49.8B	29.4B	30
31	12.1B		9.91B		760 B		133	74.1		69.8B		28.8B	31
TOTAL	444.2	314.1	310.01	284.86	3 011.77	22 432	5 597	3 000.8	2 141.7	2 176.4	1 814.0	1 178.9	TOTAL
MEAN	14.3	11.2	10.0	9.83	97.2	1 080	181	96.8	71.4	70.2	58.5	38.0	MEAN
MAX	17.4	12.1	10.2	9.91	760	2 000	260	129	76.4	70.6	59.4	49.0	MAX
MIN	12.1	10.4	9.91	9.86	9.77	269	133	74.1	68.2	69.8	49.8	28.8	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 144
MAXIMUM DAILY, 2 000B ON JUN 6
MINIMUM DAILY, 9.77B ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 00 N
LONG 128 24 30 W
DRAINAGE AREA, 97 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 400	JUL	484 000
FEB	27 100	AUG	259 000
MAR	26 800	SEP	185 000
APR	25 500	OCT	188 000
MAY	280 000	NOV	157 000
JUN	2 800 000	DEC	102 000

TOTAL DISCHARGE, 4 550 000 dam³

APEX RIVER AT APEX - STATION NO 10TE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0 B	2 80 E	0 222	0 118	---	---	---	1
2	---	---	---	---	---	0 B	2 45 E	0 201	0 092	---	---	---	2
3	---	---	---	---	---	0 B	2 30 E	0 192	0 118	---	---	---	3
4	---	---	---	---	---	0 B	2 25 E	0 173	0 178	---	---	---	4
5	---	---	---	---	---	0 B	3 10 E	0 178	0 078	---	---	---	5
6	---	---	---	---	---	0 B	2 90 E	0 169	0 118	---	---	---	6
7	---	---	---	---	---	0 010B	2 55 E	0 231	0 201	---	---	---	7
8	---	---	---	---	---	0 100B	2 30 E	0 242	0 185	---	---	---	8
9	---	---	---	---	---	0 250B	2 00 E	0 227	0 150	---	---	---	9
10	---	---	---	---	---	0 350B	1 85 E	0 064	0 178	---	---	---	10
11	---	---	---	---	---	0 550B	2 80 E	0 104	0 222	---	---	---	11
12	---	---	---	---	---	0 750B	3 60 E	0 188	0 186	---	---	---	12
13	---	---	---	---	---	1 10 B	2 75 E	0 234	0 103	---	---	---	13
14	---	---	---	---	---	1 60 B	2 25 E	0 485	0 131	---	---	---	14
15	---	---	---	---	---	2 40 B	1 75 E	0 350	0 118	---	---	---	15
16	---	---	---	---	---	3 40 E	1 33 E	0 072	0 138	---	---	---	16
17	---	---	---	---	---	5 00 E	1 05 E	0 100	0 138	---	---	---	17
18	---	---	---	---	---	7 20 E	0 880E	0 100	0 147	---	---	---	18
19	---	---	---	---	---	10 9 E	0 880E	0 184	0 130	---	---	---	19
20	---	---	---	---	---	9 72 A	0 513A	0 188	0 121	---	---	---	20
21	---	---	---	---	---	8 16	0 610	0 080	0 113	---	---	---	21
22	---	---	---	---	---	7 38	0 358	0 173	0 190A	---	---	---	22
23	---	---	---	---	---	8 94	0 209	0 201	0 223E	---	---	---	23
24	---	---	---	---	---	8 78	0 043	0 178	0 220E	---	---	---	24
25	---	---	---	---	---	8 03	0 050	0 221	0 213E	---	---	---	25
26	---	---	---	---	---	6 94	0 074	0 180	0 208E	---	---	---	26
27	---	---	---	---	---	6 47	0 216	0 087	0 200E	---	---	---	27
28	---	---	---	---	---	3 88	0 221	0 093	0 180E	---	---	---	28
29	---		---	---	---	3 54	0 198	0 150	0 160E	---	---	---	29
30	---		---	---	---	2 93	0 173	0 178	0 150E	---	---	---	30
31	---		---		---		0 132	0 178		---		---	31
TOTAL	---	---	---	---	---	97 960	43 764	5 548	4 834	---	---	---	TOTAL
MEAN	---	---	---	---	---	3 27	1 41	0 179	0 154	---	---	---	MEAN
MAX	---	---	---	---	---	10 9	3 60	0 485	0 223	---	---	---	MAX
MIN	---	---	---	---	---	0	0 043	0 064	0 078	---	---	---	MIN

SUMMARY FOR THE MONTHS JUN TO SEP

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 25
MAXIMUM DAILY, 10 9E ON JUN 19
MINIMUM DAILY, 0B ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 44 00 N
LONG 68 27 10 W
DRAINAGE AREA, 5P 6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 780
FEB	---	AUG	478
MAR	---	SEP	400
APR	---	OCT	---
MAY	---	NOV	---
JUN	5 460	DEC	---

TOTAL DISCHARGE, 13 100 dam³

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.8B	14.1B	12.4B	12.0B	51.0B	1 000B	360E	243	159	108 E	33.1B	21.2B	1
2	17.4B	14.0B	12.3B	12.0B	57.0B	1 000E	345E	283	185	105 E	32.5B	21.0B	2
3	17.2B	14.0B	12.3B	12.0B	63.2B	985E	334E	262	178	102 E	31.9B	20.6B	3
4	17.0B	14.0B	12.3B	12.0B	86.0B	950E	324E	298	234	99.2E	31.3B	20.6B	4
5	16.9B	13.9B	12.3B	12.0B	68.0B	870E	315E	382	284	96.0E	30.5B	20.4B	5
6	16.6B	13.8B	12.2B	12.1B	70.0B	780E	305E	360	290	93.0E	30.0B	20.2B	6
7	16.7B	13.8B	12.2B	12.1B	70.5B	680E	298E	316	268	89.8E	29.4B	20.1B	7
8	16.5B	13.6B	12.2B	12.2B	71.5B	610E	290E	291	245	86.4E	28.6B	19.8B	8
9	16.4B	13.7B	12.1B	12.3B	72.0B	565E	282E	273	227	83.2E	28.2B	19.6B	9
10	16.3B	13.7B	12.1B	12.5B	72.5B	520E	276E	240	213	80.0E	27.7B	19.2B	10
11	16.2B	13.6B	12.1B	12.7B	73.0B	485E	268E	229	199	76.6B	27.3B	19.0B	11
12	16.1B	13.5B	12.1B	13.0B	73.5B	455E	262E	859	184	73.0B	26.9B	18.8B	12
13	16.0B	13.4B	12.1B	13.3B	74.0B	440E	258E	903	169	69.2B	26.4B	18.4B	13
14	15.9B	13.3B	12.1B	13.6B	74.5B	432E	252E	841	157	65.6B	26.0B	18.2B	14
15	15.6B	13.2B	12.0B	14.1B	75.0B	433E	248E	482	150	62.2B	25.6B	17.8B	15
16	15.7B	13.1B	12.0B	14.7B	75.5B	435E	244E	393	141	59.4B	25.3B	17.6B	16
17	15.6B	13.0B	12.0B	15.3B	76.0B	440E	240E	343	136	56.2B	24.9B	17.4B	17
18	15.5B	13.0B	12.0B	16.0B	76.3B	441E	236E	313	132	53.6B	24.7B	17.2B	18
19	15.4B	13.0B	12.0B	17.0B	77.5B	442E	232E	297	127	51.5B	24.3B	17.0B	19
20	15.3B	12.9B	12.0B	18.2B	77.7B	443E	224A	280	124	49.6B	24.0B	16.8B	20
21	15.2B	12.8B	12.0B	19.9B	77.8B	450E	210	290	118	47.2B	23.7B	16.6B	21
22	15.1B	12.8B	12.0B	21.0B	78.0B	458E	204	238	117	45.8B	23.4B	16.4B	22
23	15.0B	12.8B	12.0B	22.4B	78.5B	464E	191	214	117	44.0B	23.2B	16.1B	23
24	15.0B	12.7B	12.0B	24.3B	79.5B	468E	178	197	117	42.2B	22.8B	15.9B	24
25	15.0B	12.7B	12.0B	26.7B	83.0B	465E	167	186	118	40.7B	22.6B	15.7B	25
26	14.9B	12.6B	12.0B	29.1B	110 B	455E	236	177	117	39.3B	22.4B	15.5B	26
27	14.7B	12.6B	12.0B	32.6B	260 B	432E	275	170	116E	38.0B	22.2B	15.3B	27
28	14.5B	12.5B	12.0B	36.1B	560 B	405E	251	163	115E	37.0B	21.9B	15.1B	28
29	14.3B		12.0B	40.4B	880 B	385E	227	159	113E	36.0B	21.7B	15.0B	29
30	14.2B		12.0B	45.0B	970 B	372E	222	165	110E	34.9B	21.4B	14.8B	30
31	14.1B		12.0B		990 B		227	162		34.1B		14.6B	31
TOTAL	488.3	372.5	374.8	566.5	5 551.5	16 740	7 999	9 797	4 942	1 998.9	784.1	552.1	TOTAL
MEAN	15.8	13.3	12.1	18.9	180	558	258	316	165	64.5	26.1	17.8	MEAN
MAX	17.6	14.1	12.4	45.0	990	1 000	360	903	290	108	33.1	21.2	MAX
MIN	14.1	12.5	12.0	12.0	51.0	372	178	159	110	34.1	21.4	14.6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 1 000B ON JUN 1
MINIMUM DAILY, 12.0B ON MAR 15
MAXIMUM INSTANTANEOUS,
1 180 AT 15:44 MST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 47 10 N
LONG 133 08 00 W
DRAINAGE AREA, 15 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 200	JUL	891 000
FEB	32 200	AUG	846 000
MAR	32 400	SEP	427 000
APR	49 000	OCT	173 000
MAY	482 000	NOV	67 700
JUN	1 450 000	DEC	47 700

TOTAL DISCHARGE, 4 340 000 dam³

BACK RIVER BELOW BEECHY LAKE - STATION NO 10RA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 40 B	0 600B	0B	0B	0B	0 B	5 20E	260	236	199	65 0 B	4 90 B	1
2	3 30 B	0 510B	0B	0B	0B	0 B	4 67E	252	244	194	59 0 B	4 50 B	2
3	3 20 B	0 430B	0B	0B	0B	0 B	4 59E	245	251	188	52 0 B	4 19 B	3
4	3 05 B	0 370B	0B	0B	0B	0 B	4 32E	248	259	192	48 0 B	3 83 B	4
5	2 99 B	0 310B	0B	0B	0B	0 B	4 16	241	261	195	44 0 B	3 52 B	5
6	2 90 B	0 280B	0B	0B	0B	0 B	400	228	255	185	40 0 B	3 25 B	6
7	2 84 B	0 220B	0B	0B	0B	0 B	381	226	255	180	37 0 B	3 01 B	7
8	2 72 B	0 180B	0B	0B	0B	0 B	362	221	258	177	34 5 B	2 82 B	8
9	2 65 B	0 160B	0B	0B	0B	0 B	343	218	253	170	31 5 B	2 65 B	9
10	2 57 B	0 110B	0B	0B	0B	0 B	340	215	252	163	28 5 B	2 48 B	10
11	2 46 B	0 090B	0B	0B	0B	0 B	334	204	248	157	27 0 B	2 33 B	11
12	2 40 B	0 070B	0B	0B	0B	0 B	325	190	243	147	25 0 B	2 22 B	12
13	2 33 B	0 060B	0B	0B	0B	0 050B	318	214	245	148	23 0 B	2 08 B	13
14	2 25 B	0 030B	0B	0B	0B	0 450B	313	234	252	148	21 2 B	2 00 B	14
15	2 17 B	0 010B	0B	0B	0B	3 40 B	303	241	253	134	19 7 B	1 83 B	15
16	2 11 B	0 010B	0B	0B	0B	12 4 B	292	256	249	150	18 1 B	1 85 B	16
17	2 04 B	0 010B	0B	0B	0B	60 2 B	298	268	246	160	16 4 B	1 45 B	17
18	1 95 B	0 B	0B	0B	0B	350 B	316	274	254	161	15 6 B	1 34 B	18
19	1 80 B	0 B	0B	0B	0B	890 B	327	273	246	151	14 3 B	1 19 B	19
20	1 70 B	0 B	0B	0B	0B	915 B	332	268	242	133	13 1 B	1 05 B	20
21	1 57 B	0 B	0B	0B	0B	915 E	331	263	237	123	12 0 B	0 970B	21
22	1 47 B	0 B	0B	0B	0B	890 E	328	257	230	119	10 9 B	0 870B	22
23	1 35 B	0 B	0B	0B	0B	835 E	325	251	225	120	10 0 B	0 790B	23
24	1 25 B	0 B	0B	0B	0B	803 A	321	244	222	117	8 90B	0 700B	24
25	1 15 B	0 B	0B	0B	0B	748 A	313	239	213	111 B	8 20B	0 630B	25
26	1 07 B	0 B	0B	0B	0B	705 E	303	239	210	103 B	7 50B	0 580B	26
27	0 990B	0 B	0B	0B	0B	665 E	296	234	198	96 0B	6 80B	0 530B	27
28	0 900B	0 B	0B	0B	0B	625 E	287	228	218	88 0B	6 30B	0 470B	28
29	0 820B		0B	0B	0B	595 E	275	230	232	82 0B	5 70B	0 420B	29
30	0 740B		0B	0B	0B	557 E	273	222	213	77 0B	5 30B	0 390B	30
31	0 670B		0B				265	224		71 0B		0 370B	31
TOTAL	62 830	3 440	0	0	0	9 570 900	10 814	7 405	7 202	4 435 0	715 90	59 010	TOTAL
MEAN	2 03	0 123	0	0	0	319	342	239	240	143	23 0	1 90	MEAN
MAX	3 40	0 600	0	0	0	915	520	274	261	199	65 0	4 90	MAX
MIN	0 670	0	0	0	0	0	265	190	188	71 0	5 30	0 370	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 110
MAXIMUM DAILY, 915B ON JUN 20
MINIMUM DAILY, 0B ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 11 10 N
LONG 105 04 30 W
DRAINAGE AREA, 20 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 430	JUL	917 000
FEB	287	AUG	640 000
MAR	0	SEP	622 000
APR	0	OCT	383 000
MAY	0	NOV	61 800
JUN	827 000	DEC	5 100

TOTAL DISCHARGE, 3 460 000 dam³

BACK RIVER BELOW DEEP ROSE LAKE - STATION NO 10RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	66.3B	46.3B	35.9B	32.6B	31.3B	31.0B	4 640	1 140	1 130	987	415B	200B	1
2	66.0B	45.9B	35.6B	32.5B	31.2B	31.1B	4 640	1 110	1 150	960B	400B	197B	2
3	65.5B	45.5B	35.4B	32.4B	31.2B	31.4B	4 460	1 080	1 170	930B	391B	193B	3
4	64.9B	45.0B	35.4B	32.4B	31.2B	31.9B	4 240	1 060	1 180	900B	381B	189B	4
5	64.1B	44.6B	35.2B	32.3B	31.2B	32.7B	4 020	1 040	1 200	880B	371B	184B	5
6	63.8B	44.1B	35.0B	32.2B	31.2B	33.2B	3 780	1 010	1 200	850B	362B	181B	6
7	62.5B	43.7B	35.0B	32.2B	31.1B	40.0B	3 550	990	1 200	830B	354B	178B	7
8	61.9B	43.1B	34.8B	32.1B	31.1B	50.0B	3 310	870	1 190	800B	348B	173B	8
9	60.9B	42.6B	34.6B	32.1B	31.1B	68.0B	3 100	848	1 180	760B	339B	170B	9
10	60.0B	42.1B	34.7B	32.1B	31.1B	92.0B	2 920	833	1 180	760B	330B	167B	10
11	59.8B	41.8B	34.6B	32.1B	31.1B	125 B	2 760	811	1 170	740B	321B	164B	11
12	58.4B	41.6B	34.5B	32.0B	31.1B	165 B	2 610	883	1 160	720B	312B	160B	12
13	57.9B	41.2B	34.3B	32.0B	31.1B	220 B	2 470	909	1 150	700B	305B	157B	13
14	57.5B	41.0B	34.2B	31.9B	31.1B	300 B	2 350	1 020	1 140	680B	300B	154B	14
15	56.3B	40.0B	34.1B	31.9B	31.1B	420 B	2 240	1 020	1 130	650B	290B	151B	15
16	55.7B	40.2B	34.0B	31.9B	31.0B	580 B	2 140E	1 040	1 130	640B	285B	148B	16
17	55.2B	40.0B	33.6B	31.9B	31.0B	800 B	2 010E	1 020	1 120	620B	279B	145B	17
18	54.3B	39.2B	33.7B	31.8B	31.0B	940 B	1 910E	984	1 110	600B	271B	143B	18
19	53.6B	39.0B	33.6B	31.8B	31.0B	1 120 B	1 830E	848	1 110	585B	264B	140B	19
20	53.5B	38.5B	33.5B	31.6B	30.9B	1 380 B	1 760	926	1 100	570B	259B	138B	20
21	52.4B	38.1B	33.3B	31.7B	30.9B	1 590	1 680	821	1 090	556B	251B	135B	21
22	51.8B	37.8B	33.2B	31.7B	30.9B	1 730	1 620	825	1 080	540B	246B	133B	22
23	51.3B	37.5B	33.2B	31.7B	30.9B	2 010	1 560	834	1 080	525B	240B	130B	23
24	50.4B	37.2B	33.2B	31.6B	30.9B	2 430	1 500	836	1 070	510B	235B	128B	24
25	50.0B	37.0B	33.1B	31.5B	30.9B	3 380	1 460	857	1 060	500B	230B	125B	25
26	49.7B	36.8B	33.0B	31.5B	30.9B	4 260	1 410	878	1 050	485B	225B	123B	26
27	49.0B	36.4B	33.0B	31.5B	30.9B	5 320	1 380	1 000	1 040	470B	220B	121B	27
28	48.2B	36.3B	32.9B	31.4B	30.9B	5 370	1 320	1 030	1 040	460B	215B	118B	28
29	48.0B		32.9B	31.4B	30.9B	5 040	1 260	1 080	1 030	445B	210B	116B	29
30	47.6B		32.8B	31.4B	30.8B	4 680	1 230	1 080	997	435B	205B	115B	30
31	47.0B		32.7B		30.8B		1 180	1 110		425B		114B	31
TOTAL	1 743.5	1 143.2	1 055.4	957.4	961.8	42 461.3	76 540	30 878	33 637	20 542	6 854	4 695	TOTAL
MEAN	56.2	40.8	34.0	31.8	31.0	1 420	2 470	996	1 120	663	285	151	MEAN
MAX	66.3	46.3	35.9	32.6	31.3	5 370	4 640	1 140	1 200	987	415	200	MAX
MIN	47.0	36.3	32.7	31.4	30.8	31.0	1 180	883	997	425	205	114	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 812
MAXIMUM DAILY, 5 370 ON JUN 28
MINIMUM DAILY, 30.6B ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 05 00 N
LONG 95 30 00 W
DRAINAGE AREA, 86 200 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	151 000	JUL	6 810 000
FEB	95 800	AUG	2 670 000
MAR	91 200	SEP	2 810 000
APR	82 700	OCT	1 770 000
MAY	83 100	NOV	785 000
JUN	3 670 000	DEC	408 000

TOTAL DISCHARGE, 19 300 000 dam³

NORTHWEST TERRITORIES

BAILLIE RIVER NEAR THE MOUTH - STATION NO 10RA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0.0	0.0 B	4 830	348	100	163E	153	30 0 B	5 00 B	1
2	0.0	0.0	0.0	0.0	0.0 B	5 700	226	97 B	163E	148	28 5 B	5 50 B	2
3	0.0	0.0	0.0	0.0	0.0 B	6 800	212	96 5	165E	139	27 5 B	5 25 B	3
4	0.0	0.0	0.0	0.0	0.0 B	7 900	186	97 7	169E	132	26 5 B	5 00 B	4
5	0.0	0.0	0.0	0.0	0.0 B	9 400	165	97 0	174E	138	25 5 B	4 75 B	5
6	0.0	0.0	0.0	0.0	0.0 B	13 0 B	176	107	177E	132	24 5 B	4 50 B	6
7	0.0	0.0	0.0	0.0	0.0 B	23 0 B	167	118	178A	121	23 5 B	4 25 B	7
8	0.0	0.0	0.0	0.0	0.0 B	55 0 B	156	121	178	118	22 0 B	4 00 B	8
9	0.0	0.0	0.0	0.0	0.0 B	320 B	150	121	180	116	22 0 B	3 75 B	9
10	0.0	0.0	0.0	0.0	0 0500	500 B	143	120	181	114	21 0 B	3 50 B	10
11	0.0	0.0	0.0	0.0	0 1000	820 B	137	117	178	98 1	20 0 B	3 25 B	11
12	0.0	0.0	0.0	0.0	0 2000	1 270 B	135	118	177	88 08	19 0 B	3 00 B	12
13	0.0	0.0	0.0	0.0	0 3000	1 820 B	133	143	174	82 08	18 0 B	2 50 B	13
14	0.0	0.0	0.0	0.0	0 4000	1 810 B	131	277	169	76 08	17 0 B	2 25 B	14
15	0.0	0.0	0.0	0.0	0 5000	1 870	138	411	164	70 58	16 0 B	2 00 B	15
16	0.0	0.0	0.0	0.0	0 5000	1 530	137	414	161	65 58	15 0 B	1 75 B	16
17	0.0	0.0	0.0	0.0	0 6000	1 280	135	362	163	62 08	14 0 B	1 50 B	17
18	0.0	0.0	0.0	0.0	0 5000	1 020	143	358 A	161	58 08	13 5 B	1 25 B	18
19	0.0	0.0	0.0	0.0	1 00 B	905	151	320 E	156	55 08	13 0 B	1 00 B	19
20	0.0	0.0	0.0	0.0	1 10 B	774	154	269 E	148	52 58	12 0 B	0 8008	20
21	0.0	0.0	0.0	0.0	1 20 B	678	153	259 E	140	50 08	11 0 B	0 6008	21
22	0.0	0.0	0.0	0.0	1 40 B	611	150	238 E	135	47 58	10 5 B	0 4008	22
23	0.0	0.0	0.0	0.0	1 50 B	562	146	220 E	133	45 58	10 0 B	0 2008	23
24	0.0	0.0	0.0	0.0	1 90 B	493	141	204 E	133	43 08	9 50B	0 1508	24
25	0.0	0.0	0.0	0.0	2 20 B	445	134	193 E	130	41 08	9 00B	0 1008	25
26	0.0	0.0	0.0	0.0	2 50 B	389	128	185 E	128	38 08	8 50B	0 0508	26
27	0.0	0.0	0.0	0.0	2 80 B	344	123	178 E	127	37 08	8 00B	0 B	27
28	0.0	0.0	0.0	0.0	3 10 B	318	118	172 E	138	35 58	7 00B	0 B	28
29	0.0		0.0	0.0	3 40 B	280	108	169 E	143	34 08	6 50B	0 B	29
30	0.0		0.0	0.0	3 70 B	263	105	188 E	159	32 58	6 25B	0 B	30
31	0.0		0.0		4 20 B		100	184 E		31 08		0 B	31
TOTAL	0	0	0	0	33 950	18 203 60	4 853	5 054 1	4 752	2 450 6	495 25	87 300	TOTAL
MEAN	0	0	0	0	1 10	607	150	195	158	79 1	16 5	2 17	MEAN
MAX	0	0	0	0	4 20	1 820	244	414	181	153	30 0	6 00	MAX
MIN	0	0	0	0	0	4 80	100	96 5	127	31 0	6 25	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 101
MAXIMUM DAILY, 1 8208 ON JUN 13
MINIMUM DAILY, 08 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 30 N
LONG 104 31 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	402 000
FEB	0	AUG	523 000
MAR	0	SEP	411 000
APR	0	OCT	212 000
MAY	2 830	NOV	42 800
JUN	1 570 000	DEC	5 810

TOTAL DISCHARGE, 3 170 000 dam³

BAKER LAKE AT BAKER LAKE - STATION NO. 0BMA001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.549	7.501	7.339	7.403	7.482	7.540E	8.488	7.880E	7.941	8.126	7.787	---	1
2	7.580	7.537	7.328	7.410	7.480	7.540E	8.441	7.852A	7.925	8.018	7.775	---	2
3	7.559	7.553	7.325	7.410	7.472	7.540E	8.397	7.920	7.933	7.972	7.778	---	3
4	7.562	7.545	7.341	7.394	7.462	7.540E	8.361	7.904	7.942	7.888	7.783	---	4
5	7.536	7.539	7.358	7.385	7.456	7.590E	8.328	7.886	8.002	8.009	7.798	---	5
6	7.530	7.537	7.353	7.383	7.457	7.550E	8.323	7.884	8.049	7.998	7.808	---	6
7	7.518	7.524	7.335	7.331	7.457	7.550E	8.311	7.900	8.065	8.023	7.815A	---	7
8	7.511	7.503	7.308	7.327	7.436	7.559E	8.284	7.928	8.070	8.034	7.820E	---	8
9	7.530	7.483	7.335	7.295	7.411	7.560E	8.273	7.952	8.058	8.058	7.833E	---	9
10	7.535	7.458	7.367	7.284	7.423	7.575E	8.299	7.974	8.080	8.005	7.840E	---	10
11	7.536	7.425	7.385	7.281	7.409	7.584E	8.337	7.970	8.054	7.976	7.830E	---	11
12	7.569	7.403	7.369	7.280	7.407	7.605E	8.374	7.983A	8.008	7.908	7.820E	---	12
13	7.592	7.387	7.364	7.278	7.405A	7.650E	8.417	8.074A	7.994	7.892	7.795E	---	13
14	7.582	7.400	7.372	7.282	7.389A	7.700E	8.423	8.105	7.978	7.787	7.770E	---	14
15	7.544	7.422	7.378	7.283	7.383	7.755E	8.410	8.091	7.948	7.784	7.740E	---	15
16	7.525	7.430	7.363	7.287	7.388	7.840E	8.414A	8.052	7.928	7.838	7.721A	---	16
17	7.530	7.440	7.337	7.338	7.393	7.850E	8.385E	8.008	7.922	7.880	7.730	---	17
18	7.526	7.465	7.332	7.388	7.409	8.050E	8.340E	7.967	7.926	7.901	7.737	---	18
19	7.528	7.483	7.324	7.378	7.412	8.140E	8.315E	7.919	7.928	7.955	7.758	---	19
20	7.518	7.473	7.318	7.415	7.395	8.210E	8.290E	7.880	7.930	7.974	7.788	---	20
21	7.488	7.438	7.320	7.421	7.404	8.272A	8.285E	7.885	7.947	7.914	7.788	---	21
22	7.485	7.421	7.332	7.394	7.414	8.340E	8.255E	7.905	7.984	7.883	7.770	---	22
23	7.434	7.389	7.321	7.383	7.478	8.390E	8.215E	7.881	8.000	7.937	7.788	---	23
24	7.404	7.398	7.303	7.387	7.523	8.480E	8.185E	7.875	8.055	7.928	7.754	---	24
25	7.388	7.429	7.304	7.387	7.525	8.500E	8.156E	7.892	8.050	7.823	7.770	---	25
26	7.405	7.414	7.318	7.404	7.523A	8.540E	8.135E	7.909	8.071	7.763	7.789	---	26
27	7.431	7.391	7.327	7.405	7.540E	8.590A	8.100E	7.918	8.144	7.711	7.784	---	27
28	7.458	7.380	7.339	7.416	7.540E	8.525	8.070E	7.929	8.282	7.678	7.748A	---	28
29	7.473		7.345	7.443	7.540E	8.504	8.040E	7.934	8.251	7.644	7.780E	---	29
30	7.490		7.361	7.472	7.540E	8.487	8.020E	7.927	8.199	7.711	7.765E	---	30
31	7.490		7.380		7.540E		8.000E	7.932		7.787		---	31
MEAN	7.509	7.458	7.342	7.383	7.447	7.954	8.278	7.945	8.023	7.891	7.778	---	MEAN
MAX	7.592	7.553	7.387	7.472	7.540	8.590	8.468	8.105	8.282	8.126	7.840	---	MAX
MIN	7.388	7.380	7.303	7.282	7.388	7.540	8.000	7.884	7.922	7.678	7.721	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.590A ON JUN 27
MINIMUM DAILY, 7.282 ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 19 10 N
LONG 95 01 50 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	18.0	3.28	3.01	0.7208	0B	0B	1
2	0B	0B	0B	0B	0B	0 B	17.2	2.95	3.51	0.6208	0B	0B	2
3	0B	0B	0B	0B	0B	0 B	16.1	2.64	4.50	0.5408	0B	0B	3
4	0B	0B	0B	0B	0B	0.0308	14.1	2.61	5.34	0.4508	0B	0B	4
5	0B	0B	0B	0B	0B	0.1008	12.1	2.51	5.22	0.3308	0B	0B	5
6	0B	0B	0B	0B	0B	0.2208	10.8	2.55	4.23	0.3408	0B	0B	6
7	0B	0B	0B	0B	0B	0.3808	10.0	2.55	4.06	0.2708	0B	0B	7
8	0B	0B	0B	0B	0B	0.6008	9.29	2.57	3.56	0.2208	0B	0B	8
9	0B	0B	0B	0B	0B	0.8208	8.22	2.75	3.15	0.1708	0B	0B	9
10	0B	0B	0B	0B	0B	1.40 B	7.59	3.64	2.79	0.1208	0B	0B	10
11	0B	0B	0B	0B	0B	2.15 B	7.17	4.76	2.61 B	0.0708	0B	0B	11
12	0B	0B	0B	0B	0B	4.10 B	6.62	5.30	2.57 B	0.0508	0B	0B	12
13	0B	0B	0B	0B	0B	15.0 B	6.01	5.85	2.54 B	0.0308	0B	0B	13
14	0B	0B	0B	0B	0B	385 B	5.72	4.92	2.52 B	0.0108	0B	0B	14
15	0B	0B	0B	0B	0B	448 E	5.49	4.26	2.46 B	0 B	0B	0B	15
16	0B	0B	0B	0B	0B	453 A	5.21	3.82	2.46 B	0 B	0B	0B	16
17	0B	0B	0B	0B	0B	345	5.05	3.62	2.41 B	0 B	0B	0B	17
18	0B	0B	0B	0B	0B	217	4.93	3.30	2.38 B	0 B	0B	0B	18
19	0B	0B	0B	0B	0B	150	5.00	2.95	2.29 B	0 B	0B	0B	19
20	0B	0B	0B	0B	0B	101	5.00	2.68	2.23 B	0 B	0B	0B	20
21	0B	0B	0B	0B	0B	92.8	5.34	2.57	2.13 B	0 B	0B	0B	21
22	0B	0B	0B	0B	0B	88.0	5.22	2.34	2.04 B	0 B	0B	0B	22
23	0B	0B	0B	0B	0B	85.2	5.68	2.19	1.86 B	0 B	0B	0B	23
24	0B	0B	0B	0B	0B	48.6	5.29	2.02	1.58 B	0 B	0B	0B	24
25	0B	0B	0B	0B	0B	38.3	5.06	1.98	1.46 B	0 B	0B	0B	25
26	0B	0B	0B	0B	0B	30.5	4.74	1.81	1.30 B	0 B	0B	0B	26
27	0B	0B	0B	0B	0B	27.7	4.63	1.74	1.17 B	0 B	0B	0B	27
28	0B	0B	0B	0B	0B	26.2	4.02	1.68	1.03 B	0 B	0B	0B	28
29	0B		0B	0B	0B	23.3	3.86	1.65	0.9308	0 B	0B	0B	29
30	0B		0B	0B	0B	19.7	3.46	2.52	0.8008	0 B	0B	0B	30
31	0B		0B		0B		3.30	2.83		0 B		0B	31
TOTAL	0	0	0	0	0	2 582.300	233.23	92.65	78.250	4.000	0	0	TOTAL
MEAN	0	0	0	0	0	86.1	7.52	2.99	2.61	0.129	0	0	MEAN
MAX	0	0	0	0	0	453	18.0	5.85	5.34	0.720	0	0	MAX
MIN	0	0	0	0	0	0	3.30	1.65	0.800	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.5
MAXIMUM DAILY, 453A ON JUN 16
MINIMUM DAILY, 0B ON JUN 1

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 72 26 40 N
LONG 123 24 30 W
DRAINAGE AREA, 3 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	20 200
FEB	0	AUG	8 000
MAR	0	SEP	6 750
APR	0	OCT	345
MAY	0	NOV	0
JUN	223 800	DEC	0

TOTAL DISCHARGE, 259 000 dam³

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0B	0B	0 B	1.288	96.5	5.86	1.45	0.835	0.984	0.7008	0.3608	1
2	0.2708	0B	0B	0 B	1.428	77.1	5.37	1.42	0.825	0.989	0.7708	0.3508	2
3	0.2608	0B	0B	0 B	1.618	62.4	4.72	1.40	0.864	1.02	0.7508	0.3408	3
4	0.2408	0B	0B	0 B	1.818	51.1	4.17	1.38	1.12	1.08	0.7208	0.3308	4
5	0.2208	0B	0B	0 B	2.018	41.4	3.80	1.35	1.17	1.05 B	0.7108	0.3208	5
6	0.2108	0B	0B	0 B	2.148	33.9	3.53	1.31	1.16	1.05 B	0.7008	0.3108	6
7	0.2008	0B	0B	0 B	2.278	44.1	3.26	1.27	1.15	1.05 B	0.6908	0.3008	7
8	0.1908	0B	0B	0 B	2.408	41.8	2.98	1.23	1.14	1.03 B	0.6808	0.2908	8
9	0.1808	0B	0B	0 B	2.558	33.4	2.80	1.19	1.13	1.02 B	0.6608	0.2708	9
10	0.1608	0B	0B	0 B	2.728	28.3	2.70	1.16	1.12	1.01 B	0.6408	0.2608	10
11	0.1408	0B	0B	0 B	2.938	26.6	2.60	1.15	1.11	1.00 B	0.6208	0.2508	11
12	0.1208	0B	0B	0 B	3.138	26.9	2.50	1.14	1.09	1.00 B	0.6108	0.2408	12
13	0.1108	0B	0B	0 B	3.388	28.2	2.40	1.13	1.08	0.8908	0.6008	0.2308	13
14	0.1008	0B	0B	0 B	3.658	28.4	2.30	1.13	1.07	0.8908	0.5908	0.2208	14
15	0.0908	0B	0B	0 B	3.958	27.3	2.30	1.19	1.08	0.8908	0.5808	0.2108	15
16	0.0808	0B	0B	0.0208	4.288	24.8	2.12	1.18	1.08	0.8708	0.5808	0.2008	16
17	0.0808	0B	0B	0.0408	4.708	25.0	2.05	1.16	1.08	0.8608	0.5508	0.2008	17
18	0.0408	0B	0B	0.0808	5.158	26.5	1.98	1.12	1.08	0.8508	0.5408	0.1908	18
19	0.0308	0B	0B	0.1108	5.628	27.1	1.87	1.08	1.07	0.8408	0.5308	0.1908	19
20	0.0208	0B	0B	0.1708	6.208	26.2	1.78	1.08	1.07	0.8208	0.5108	0.1808	20
21	0.0108	0B	0B	0.2208	6.808	23.2	1.72	1.04	1.08	0.8108	0.4908	0.1808	21
22	0 B	0B	0B	0.2808	7.608	20.0	1.68	1.01	1.07	0.8008	0.4708	0.1708	22
23	0 B	0B	0B	0.3608	8.408	17.2	1.66	0.988	1.07	0.8008	0.4608	0.1608	23
24	0 B	0B	0B	0.4408	9.408	15.0	1.63	0.951	1.06	0.8708	0.4308	0.1508	24
25	0 B	0B	0B	0.5208	12.3 A	13.8	1.60	0.935	1.08	0.8608	0.4208	0.1408	25
26	0 B	0B	0B	0.6208	14.8	11.1	1.57	0.912	1.08	0.8408	0.4108	0.1308	26
27	0 B	0B	0B	0.7508	28.5	9.81	1.53	0.901	1.04	0.8308	0.4008	0.1208	27
28	0 B	0B	0B	0.8708	58.8	8.61	1.50	0.891	1.18	0.8208	0.3908	0.1108	28
29	0 B		0B	1.00 B	84.5	7.58	1.48	0.886	1.15	0.8108	0.3808	0.1108	29
30	0 B		0B	1.11 B	105	6.71	1.47	0.858	0.985	0.8008	0.3708	0.1008	30
31	0 B		0B		112		1.48	0.844		0.7908		0.1008	31
TOTAL	3.010	0	0	6.590	511.50	815.81	76.17	34.765	32.109	29.323	17.010	5.710	TOTAL
MEAN	0.097	0	0	0.220	16.5	30.5	2.52	1.12	1.07	0.946	0.567	0.216	MEAN
MAX	0.280	0	0	1.11	112	96.5	5.86	1.45	1.18	1.08	0.780	0.360	MAX
MIN	0	0	0	0	1.28	6.71	1.45	0.844	0.825	0.790	0.370	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.86
MAXIMUM DAILY, 112 ON MAY 31
MINIMUM DAILY, 0B ON JAN 22
MAXIMUM INSTANTANEOUS,
110 AT 04:03 MST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 36 17 N
LONG 124 47 48 W
DRAINAGE AREA, 935 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	280	JUL	6 750
FEB	0	AUG	3 000
MAR	0	SEP	2 770
APR	688	OCT	2 530
MAY	44 200	NOV	1 470
JUN	79 100	DEC	530

TOTAL DISCHARGE, 141 000 dam³

BIRCH RIVER AT FORT LIARD HIGHWAY - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1993

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1508	0.0458	0.0208	0.0208	12.5	15.4	0.850	0.140	0.082	0.0958	0.0858	0.0358	1
2	0.1508	0.0458	0.0208	0.0208	13.2	13.2	0.970	0.158	0.056	0.0958	0.0808	0.0308	2
3	0.1408	0.0458	0.0208	0.0258	8.75	10.8	0.533	0.181	0.057	0.0908	0.0808	0.0308	3
4	0.1308	0.0458	0.0158	0.0308	8.20	9.31	0.507	0.152	0.062	0.0908	0.0808	0.0258	4
5	0.1208	0.0458	0.0158	0.0308	7.80	8.11	0.443	0.125	0.064	0.0908	0.0808	0.0208	5
6	0.1108	0.0358	0.0158	0.0308	8.81	8.37	0.385	0.134	0.071	0.0908	0.0808	0.0208	6
7	0.1108	0.0358	0.0158	0.0358	10.6	9.56	0.357	0.144	0.074	0.0908	0.0808	0.0158	7
8	0.1008	0.0358	0.0158	0.0398	13.1	9.99	0.334	0.144	0.075	0.0908	0.0808	0.0158	8
9	0.0908	0.0358	0.0158	0.0408	19.3	8.86	0.328	0.136	0.077	0.0858	0.0808	0.0108	9
10	0.0868	0.0358	0.0158	0.0458	25.7	7.85	0.285	0.116	0.077	0.0858	0.0808	0.0108	10
11	0.0808	0.0308	0.0158	0.0508	28.1	7.29	0.261	0.088	0.074	0.0858	0.0808	0.0088	11
12	0.0708	0.0308	0.0158	0.0808	31.2	6.47	0.241	0.084	0.071	0.0858	0.0808	0.0078	12
13	0.0708	0.0308	0.0158	0.0708	31.1	5.71	0.238	0.142	0.071	0.0808	0.0558	0.0058	13
14	0.0608	0.0308	0.0158	0.0808	30.4	5.07	0.209	0.184	0.073	0.0808	0.0558	0.0058	14
15	0.0608	0.0308	0.0158	0.1008	33.5	4.63	0.185	0.145	0.078	0.0808	0.0558	0.0058	15
16	0.0808	0.0308	0.0158	0.1308	37.2	4.85	0.148	0.125	0.078	0.0808	0.0558	0.0058	16
17	0.0558	0.0258	0.0158	0.1408	36.3	4.18	0.134	0.101	0.078	0.0808	0.0558	0 B	17
18	0.0558	0.0258	0.0208	0.2308	32.7	3.69	0.138	0.084	0.143	0.0808	0.0558	0 B	18
19	0.0508	0.0258	0.0208	0.3008	30.7	3.78	0.121	0.083	0.158	0.0758	0.0508	0 B	19
20	0.0508	0.0258	0.0208	0.4008	32.9	3.81	0.109	0.088	0.130	0.0758	0.0508	0 B	20
21	0.0508	0.0258	0.0208	0.5408	36.5	3.56	0.094	0.085	0.101	0.0758	0.0508	0 B	21
22	0.0508	0.0208	0.0208	0.7308	34.2	3.22	0.079	0.089	0.092	0.0708	0.0508	0 B	22
23	0.0508	0.0208	0.0208	1.00 B	27.2	2.78	0.109	0.090	0.088	0.0708	0.0508	0 B	23
24	0.0458	0.0208	0.0208	1.50 B	22.6	2.46	0.161	0.085	0.089	0.0708	0.0508	0 B	24
25	0.0458	0.0208	0.0208	2.00 B	23.1	2.03	0.114	0.078	0.091	0.0708	0.0458	0 B	25
26	0.0458	0.0208	0.0208	2.72 B	29.1	1.84	0.094	0.073	0.1058	0.0708	0.0458	0 B	26
27	0.0458	0.0208	0.0208	5.67 B	33.5	1.30	0.081	0.065	0.1108	0.0708	0.0408	0 B	27
28	0.0458	0.0208	0.0208	13.0 B	30.8	1.14	0.075	0.081	0.1058	0.0708	0.0408	0 B	28
29	0.0458		0.0208	20.1	27.3	0.925	0.084	0.058	0.1008	0.0858	0.0408	0 B	29
30	0.0458		0.0208	20.0	23.9	0.758	0.076	0.055	0.1008	0.0858	0.0408	0 B	30
31	0.0458		0.0208		19.9		0.067	0.058		0.0858		0 B	31
TOTAL	2.310	0.845	0.550	69.224	783.74	171.733	7.169	3.357	2.599	2.485	1.605	0.245	TOTAL
MEAN	0.075	0.030	0.018	2.31	24.3	5.72	0.231	0.108	0.087	0.080	0.054	0.008	MEAN
MAX	0.150	0.045	0.020	20.1	37.2	15.4	0.850	0.181	0.158	0.095	0.085	0.035	MAX
MIN	0.045	0.020	0.015	0.020	7.80	0.758	0.067	0.058	0.058	0.055	0.040	0	MIN

SUMMARY FOR THE YEAR 1993

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 37.2 ON MAY 18
MINIMUM DAILY, 0B ON DEC 17
MAXIMUM INSTANTANEOUS,
38.0 AT 16:45 MST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 20 10 N
LONG 122 05 20 W

DRAINAGE AREA, 805 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	200	JUL	619
FEB	73.0	AUG	290
MAR	47.6	SEP	225
APR	5 980	OCT	213
MAY	65 100	NOV	139
JUN	14 800	DEC	21.2

TOTAL DISCHARGE, 87 700 dam³

BLACK LABEL CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1993

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.2008	2.35	0.842	2.84	6.33 B	0.6108	0B	1
2	0B	0B	0B	0B	0 B	0.4008	2.14	0.585	2.69	6.12 B	0.5208	0B	2
3	0B	0B	0B	0B	0 B	0.8508	1.76	0.545	6.80	5.86 B	0.4808	0B	3
4	0B	0B	0B	0B	0 B	0.9908	1.47	0.524	16.1	5.78 B	0.4108	0B	4
5	0B	0B	0B	0B	0 B	1.38 B	1.28	0.530	14.0	5.60 B	0.3408	0B	5
6	0B	0B	0B	0B	0 B	2.00 B	1.14	0.528	10.4 A	5.40 B	0.3008	0B	6
7	0B	0B	0B	0B	0 B	2.38 B	0.973	0.648	8.94E	5.21 B	0.2508	0B	7
8	0B	0B	0B	0B	0 B	2.85 B	0.838	0.680	7.47A	5.00 B	0.1908	0B	8
9	0B	0B	0B	0B	0 B	4.00 B	0.834	0.649	8.84	4.80 B	0.1408	0B	9
10	0B	0B	0B	0B	0 B	9.00 B	2.04	0.577	9.25	4.59 B	0.1108	0B	10
11	0B	0B	0B	0B	0 B	20.0 B	2.64	0.686	9.69	4.37 B	0.0808	0B	11
12	0B	0B	0B	0B	0 B	34.0 B	2.87	0.712	8.20	4.06 B	0.0408	0B	12
13	0B	0B	0B	0B	0 B	38.3 B	3.07	4.84	5.55	3.75 B	0.0208	0B	13
14	0B	0B	0B	0B	0 B	39.7 B	4.50	5.40	5.25	3.50 B	0 B	0B	14
15	0B	0B	0B	0B	0 B	38.4 B	3.87	4.82	5.84	3.18 B	0 B	0B	15
16	0B	0B	0B	0B	0 B	37.1	4.17	3.87	17.2	2.82 B	0 B	0B	16
17	0B	0B	0B	0B	0 B	35.6	5.20	3.33	9.48	2.65 B	0 B	0B	17
18	0B	0B	0B	0B	0 B	16.4	4.41	3.82	5.76	2.50 B	0 B	0B	18
19	0B	0B	0B	0B	0 B	12.4	3.42	3.38	6.48	2.27 B	0 B	0B	19
20	0B	0B	0B	0B	0 B	9.23	2.61	3.12	3.71	2.23 B	0 B	0B	20
21	0B	0B	0B	0B	0 B	7.55	2.29	1.83	3.32	2.10 B	0 B	0B	21
22	0B	0B	0B	0B	0 B	7.34	1.86	1.79	3.30	1.85 B	0 B	0B	22
23	0B	0B	0B	0B	0 B	6.35	1.71	1.80	6.85	1.73 B	0 B	0B	23
24	0B	0B	0B	0B	0 B	4.77	1.48	1.49	6.24	1.53 B	0 B	0B	24
25	0B	0B	0B	0B	0 B	3.73	1.38	2.84	6.03	1.35 B	0 B	0B	25
26	0B	0B	0B	0B	0 B	3.89	1.12	3.11	6.89	1.23 B	0 B	0B	26
27	0B	0B	0B	0B	0 B	3.63	0.987	2.76	7.008	1.10 B	0 B	0B	27
28	0B	0B	0B	0B	0 B	3.20	0.882	2.05	6.638	0.990B	0 B	0B	28
29	0B		0B	0B	0 B	2.71	0.826	3.78	6.648	0.880B	0 B	0B	29
30	0B		0B	0B	0 B	2.48	0.765	3.32	6.598	0.760B	0 B	0B	30
31	0B		0B		0.0608		0.704	3.05		0.650B		0B	31
TOTAL	0	0	0	0	0.060	342.070	65.803	65.906	226.85	100.780	3.490	0	TOTAL
MEAN	0	0	0	0	0.002	11.4	2.15	2.13	7.55	3.25	0.116	0	MEAN
MAX	0	0	0	0	0.060	39.7	5.20	6.48	17.2	6.33	0.610	0	MAX
MIN	0	0	0	0	0	0.200	0.704	0.530	2.69	0.650	0	0	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.35
MAXIMUM DAILY, 39.7B ON JUN 16
MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 45 N
LONG 110 38 37 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5 720
FEB	0	AUG	5 690
MAR	0	SEP	15 800
APR	0	OCT	6 710
MAY	4.32	NOV	302
JUN	29 600	DEC	0

TOTAL DISCHARGE, 69 400 dam³

NORTHWEST TERRITORIES

BLACKWATER RIVER NEAR THE MOUTH - STATION NO. 10NC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	253	104	37.3	16.3	12.3	6.20E	2.15E	1
2	---	---	---	---	---	248	98.7	36.3	16.1	12.1	6.00E	2.15E	2
3	---	---	---	---	---	249	96.3	35.3	16.1	12.0	5.90E	2.10E	3
4	---	---	---	---	---	249	92.3	34.2	16.7	11.6	5.70E	2.05E	4
5	---	---	---	---	---	242	87.8	32.5	16.7	11.4	5.50E	2.05E	5
6	---	---	---	---	---	234	83.6	31.6	16.2	11.6	5.30E	2.00E	6
7	---	---	---	---	---	230	80.3	31.7	15.6	11.4	5.10E	2.00E	7
8	---	---	---	---	---	227	77.8	31.2	15.2	11.4	5.00E	1.95E	8
9	---	---	---	---	---	220	74.8	29.4	15.0	11.6	4.80E	1.90E	9
10	---	---	---	---	---	214	71.8	27.5	14.8	10.3	4.60E	1.90E	10
11	---	---	---	---	---	205	71.0	27.3	14.6	9.00E	4.50E	1.85E	11
12	---	---	---	---	---	196	69.7	26.1	14.5	8.00E	4.30E	1.80E	12
13	---	---	---	---	---	188	67.3	24.8	14.4	7.50E	4.10E	1.80E	13
14	---	---	---	---	---	183	63.8	24.5	14.3	7.40E	3.85E	1.80E	14
15	---	---	---	---	---	177	60.9	23.5	14.2	7.20E	3.75E	1.75E	15
16	---	---	---	---	---	172	58.3	22.9	13.9	7.15E	3.55E	1.75E	16
17	---	---	---	---	---	166	55.0	22.3	13.6	7.10E	3.40E	1.75E	17
18	---	---	---	---	---	161	52.9	21.6	13.7	7.00E	3.25E	1.70E	18
19	---	---	---	---	---	156	50.8	21.1	13.5	7.00E	3.10E	1.65E	19
20	---	---	---	3.68E	---	151	48.0	20.6	13.4	6.95E	3.00E	1.65E	20
21	---	---	---	---	---	146	46.8	20.1	13.2	6.90E	3.00E	1.65E	21
22	---	---	---	---	---	141	45.0	19.8	13.1	6.85E	2.75E	1.65E	22
23	---	---	---	---	---	137	44.0	19.6	13.0	6.75E	2.65E	1.65E	23
24	---	---	---	---	---	133	45.4	18.2	12.7	6.70E	2.60E	1.65E	24
25	---	---	---	---	---	129	43.8	18.3	12.7	6.70E	2.60E	1.65E	25
26	---	---	---	---	---	124	41.8	18.0	12.2	6.60E	2.45E	1.65E	26
27	---	---	---	---	159A	119	40.5	18.0	12.0	6.60E	2.40E	1.65E	27
28	---	---	---	---	156	116	39.6	17.2	11.3	6.50E	2.30E	1.65E	28
29	---		---	---	224	111	38.0	17.0	11.8	6.45E	2.25E	1.65E	29
30	---		---	---	247	107	38.5	16.8	13.2	6.40E	2.20E	1.65E	30
31	---		---		249		38.7	16.6		6.30E		1.65E	31
TOTAL	---	---	---	---	---	5 384	1 933.4	782.4	424.3	252.85	116.00	55.91	TOTAL
MEAN	---	---	---	---	---	179	62.4	24.8	14.1	8.47	3.87	1.80	MEAN
MAX	---	---	---	---	---	253	104	37.3	16.7	12.3	6.20	2.15	MAX
MIN	---	---	---	---	---	107	38.5	16.6	11.3	6.30	2.20	1.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 253 ON JUN 1

MAXIMUM INSTANTANEOUS,
261 AT 04:31 MST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 55 50 N
LONG 124 05 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	187 000
FEB	---	AUG	85 900
MAR	---	SEP	38 700
APR	---	OCT	27 700
MAY	---	NOV	12 000
JUN	485 000	DEC	4 830

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	4.20 B	0.057E	0.004E	0E	0E	0E	0E	1
2	0B	0B	0B	0B	0 B	3.65	0.053E	0.003E	0E	0E	0E	0E	2
3	0B	0B	0B	0B	0 B	2.97	0.048E	0.003E	0E	0E	0E	0E	3
4	0B	0B	0B	0B	0 B	2.46	0.045E	0.002E	0E	0E	0E	0E	4
5	0B	0B	0B	0B	0 B	2.04	0.042E	0.002E	0E	0E	0E	0E	5
6	0B	0B	0B	0B	0 B	1.78	0.038E	0.001E	0E	0E	0E	0E	6
7	0B	0B	0B	0B	0 B	1.35	0.038E	0.001E	0E	0E	0E	0E	7
8	0B	0B	0B	0B	0 B	0.810	0.034E	0.001E	0E	0E	0E	0E	8
9	0B	0B	0B	0B	0 B	0.654	0.032E	0 E	0E	0E	0E	0E	9
10	0B	0B	0B	0B	0 B	0.530	0.030E	0 E	0E	0E	0E	0E	10
11	0B	0B	0B	0B	0 B	0.465	0.028E	0 E	0E	0E	0E	0E	11
12	0B	0B	0B	0B	0 B	0.406	0.026E	0 E	0E	0E	0E	0E	12
13	0B	0B	0B	0B	0 B	0.362	0.025E	0 E	0E	0E	0E	0E	13
14	0B	0B	0B	0B	0 B	0.325	0.024E	0 E	0E	0E	0E	0E	14
15	0B	0B	0B	0B	0 B	0.298A	0.022E	0 E	0E	0E	0E	0E	15
16	0B	0B	0B	0B	0 B	0.262E	0.021E	0 E	0E	0E	0E	0E	16
17	0B	0B	0B	0B	0 B	0.232E	0.020E	0 E	0E	0E	0E	0E	17
18	0B	0B	0B	0B	0 B	0.206E	0.018E	0 E	0E	0E	0E	0E	18
19	0B	0B	0B	0B	0 B	0.184E	0.017E	0 E	0E	0E	0E	0E	19
20	0B	0B	0B	0B	0 B	0.163E	0.016E	0 E	0E	0E	0E	0E	20
21	0B	0B	0B	0B	0 B	0.147E	0.014E	0 E	0E	0E	0E	0E	21
22	0B	0B	0B	0B	0 B	0.132E	0.013E	0 E	0E	0E	0E	0E	22
23	0B	0B	0B	0B	0 B	0.120E	0.012E	0 E	0E	0E	0E	0E	23
24	0B	0B	0B	0B	0 B	0.108E	0.010E	0 E	0E	0E	0E	0E	24
25	0B	0B	0B	0B	0 B	0.098E	0.009E	0 E	0E	0E	0E	0E	25
26	0B	0B	0B	0B	0 B	0.089E	0.008E	0 E	0E	0E	0E	0E	26
27	0B	0B	0B	0B	0.040B	0.081E	0.007E	0 E	0E	0E	0E	0E	27
28	0B	0B	0B	0B	0.270B	0.075E	0.006E	0 E	0E	0E	0E	0E	28
29	0B		0B	0B	0.850B	0.069E	0.006E	0 E	0E	0E	0E	0E	29
30	0B		0B	0B	2.20 B	0.063E	0.005E	0 E	0E	0E	0E	0E	30
31	0B		0B		4.03 B		0.004E	0 E		0E		0E	31
TOTAL	0	0	0	0	7.400	34.628	0.727	0.017	0	0	0	0	TOTAL
MEAN	0	0	0	0	0.238	0.831	0.023	0.001	0	0	0	0	MEAN
MAX	0	0	0	0	4.03	4.20	0.057	0.004	0	0	0	0	MAX
MIN	0	0	0	0	0	0.063	0.004	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 4.20B ON JUN 1
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 23 N
LONG 133 40 15 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	93.8
FEB	0	AUG	1.47
MAR	0	SEP	0
APR	0	OCT	0
MAY	638	NOV	0
JUN	2 130	DEC	0

TOTAL DISCHARGE, 2 830 dam³

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3808	0.3588	0.3438	0.3428	2.208	7.42	0.577	0.328	0.250	0.2578	0.2528	0.2328	1
2	0.3798	0.3588	0.3428	0.3438	2.188	4.32	0.550	0.336	0.248	0.2578	0.2528	0.2318	2
3	0.3788	0.3578	0.3428	0.3448	2.168	3.03	0.516	0.322	0.248	0.2578	0.2518	0.2308	3
4	0.3778	0.3568	0.3418	0.3478	2.168	2.60	0.481	0.322	0.248	0.2578	0.2518	0.2288	4
5	0.3768	0.3558	0.3418	0.3508	2.168	2.28	0.439	0.327	0.246	0.2578	0.2518	0.2278	5
6	0.3788	0.3548	0.3408	0.3538	2.178	1.99	0.424	0.326	0.244	0.2578	0.2508	0.2258	6
7	0.3768	0.3548	0.3408	0.3588	2.178	2.21	0.414	0.308	0.248	0.2578	0.2508	0.2238	7
8	0.3748	0.3538	0.3408	0.3628	2.188	2.02	0.402	0.308	0.281	0.2578	0.2508	0.2218	8
9	0.3738	0.3538	0.3408	0.3678	2.188	1.87	0.381	0.310	0.263	0.2578	0.2508	0.2208	9
10	0.3728	0.3528	0.3408	0.3728	2.188	2.00	0.363	0.311	0.263	0.2578	0.2508	0.2188	10
11	0.3718	0.3528	0.3408	0.3808	2.188	2.10	0.365	0.313	0.267	0.2578	0.2508	0.2168	11
12	0.3708	0.3518	0.3408	0.3888	2.188	2.48	0.368	0.289	0.270	0.2578	0.2498	0.2158	12
13	0.3708	0.3518	0.3408	0.3868	2.188	1.94	0.357	0.280	0.274	0.2578	0.2498	0.2138	13
14	0.3698	0.3508	0.3408	0.4068	2.188	1.65	0.366	0.301	0.277	0.2578	0.2498	0.2118	14
15	0.3898	0.3508	0.3408	0.4198	2.188	1.50	0.383	0.301	0.280	0.2588	0.2498	0.2098	15
16	0.3888	0.3508	0.3408	0.4348	2.188	1.45	0.381	0.284	0.277	0.2588	0.2488	0.2078	16
17	0.3888	0.3508	0.3398	0.4508	2.148	1.35	0.370	0.298	0.267	0.2588	0.2488	0.2058	17
18	0.3878	0.3498	0.3398	0.4728	2.148	1.23	0.363	0.285	0.257	0.2588	0.2478	0.2038	18
19	0.3878	0.3498	0.3398	0.4968	2.148	1.13	0.380	0.285	0.253	0.2588	0.2468	0.2018	19
20	0.3888	0.3498	0.3398	0.5228	2.148	1.04	0.355	0.292	0.264	0.2588	0.2468	0.2008	20
21	0.3858	0.3488	0.3398	0.5908	2.148	0.958	0.349	0.299	0.266	0.2588	0.2448	0.1988	21
22	0.3848	0.3488	0.3398	0.7408	2.148	0.878	0.346	0.279	0.265	0.2588	0.2438	0.1928	22
23	0.3838	0.3488	0.3408	1.50 B	2.158	0.813	0.344	0.261	0.263	0.2588	0.2428	0.1888	23
24	0.3828	0.3488	0.3408	1.85 B	1.88	0.778	0.336	0.224	0.261	0.2588	0.2418	0.1828	24
25	0.3818	0.3478	0.3408	2.11 B	2.28	0.818	0.328	0.251	0.2578	0.2548	0.2408	0.1808	25
26	0.3808	0.3468	0.3408	2.17 B	5.53	0.745	0.316	0.248	0.2578	0.2548	0.2398	0.1768	26
27	0.3808	0.3458	0.3408	2.20 B	13.9	0.705	0.327	0.264	0.2578	0.2538	0.2388	0.1718	27
28	0.3808	0.3448	0.3408	2.20 B	16.3	0.664	0.340	0.267	0.2578	0.2538	0.2378	0.1688	28
29	0.3808		0.3408	2.20 B	11.7	0.624	0.336	0.256	0.2578	0.2538	0.2358	0.1668	29
30	0.3798		0.3408	2.20 B	10.0	0.603	0.336	0.255	0.2578	0.2538	0.2338	0.1638	30
31	0.3598		0.3418		8.95		0.338	0.253		0.2538		0.1608	31
TOTAL	11.418	9.826	10.544	25.765	119.01	53.200	11.807	8.994	7.782	7.929	7.378	6.279	TOTAL
MEAN	0.368	0.351	0.340	0.859	3.84	1.77	0.381	0.290	0.260	0.256	0.246	0.203	MEAN
MAX	0.380	0.358	0.343	2.20	15.3	7.42	0.577	0.336	0.280	0.257	0.252	0.232	MAX
MIN	0.359	0.344	0.339	0.342	1.88	0.603	0.316	0.224	0.244	0.253	0.233	0.160	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.787
MAXIMUM DAILY, 15.3 ON MAY 26
MINIMUM DAILY, 0.1608 ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 18 41 N
LONG 126 52 12 W
DRAINAGE AREA, 123 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	987	JUL	1 020
FEB	849	AUG	777
MAR	911	SEP	673
APR	2 230	OCT	685
MAY	10 300	NOV	638
JUN	4 600	DEC	543

TOTAL DISCHARGE, 24 200 dam³

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0078	0B	0 B	33.0B	94.6	78.6	41.4	20.3	17.8	9.81 B	0.6918	1
2	0.0308	0.0068	0B	0 B	37.0B	101	77.3	39.7	17.8	16.3	7.54 B	0.5048	2
3	0.0298	0.0068	0B	0 B	42.0B	104	68.5	36.4	17.9	15.3	6.67 B	0.5538	3
4	0.0288	0.0058	0B	0 B	47.4B	107	58.3	55.2	18.1	17.6	6.46 B	0.4388	4
5	0.0278	0.0048	0B	0 B	52.0B	108	70.6	52.4	15.0	9.75	5.95 B	0.4378	5
6	0.0278	0.0038	0B	0 B	58.3B	110	85.1	52.1	14.7	13.9	6.27 B	0.4048	6
7	0.0268	0.0038	0B	0 B	63.7B	114	67.5	53.1	18.5	21.6	7.85 B	0.3488	7
8	0.0258	0.0028	0B	0 B	68.2B	104	70.6	40.3	10.3	18.9	4.29 B	0.3138	8
9	0.0248	0.0028	0B	0 B	75.2	100	71.8	42.4	21.8	14.9	2.98 B	0.2728	9
10	0.0248	0.0018	0B	0 B	79.6	89.7	84.3	40.8	27.1	19.2	2.88 B	0.2318	10
11	0.0238	0.0018	0B	0 B	81.4	105	76.5	35.0	19.8	25.8	3.81 B	0.2048	11
12	0.0238	0 B	0B	0 B	82.7	105	76.1	35.2	18.8	16.8	5.10 B	0.1908	12
13	0.0218	0 B	0B	0 B	83.2	108	62.8	46.7	22.1	18.9	4.74 B	0.1728	13
14	0.0218	0 B	0B	0 B	87.8	103	53.7	37.4	26.5	13.9	4.54 B	0.1438	14
15	0.0208	0 B	0B	0 B	92.3	108	44.3	32.3	27.5	7.89	4.95 B	0.1258	15
16	0.0188	0 B	0B	0 B	92.6	109	38.9	35.2	33.0	4.728	5.03 B	0.1108	16
17	0.0188	0 B	0B	0 B	86.7	111	40.0	30.3	18.9	6.068	3.84 B	0.1028	17
18	0.0188	0 B	0B	0 B	91.1	97.4	36.4	24.0	8.94	6.578	3.27 B	0.0898	18
19	0.0178	0 B	0B	0 B	97.4	80.5	53.5	22.0	7.28	5.708	2.88 B	0.0818	19
20	0.0188	0 B	0B	0 B	98.6	81.7	51.3	31.9	13.9	6.638	2.49 B	0.0778	20
21	0.0188	0 B	0B	0 B	98.3	90.2	50.6	28.6	18.4	7.178	2.37 B	0.0758	21
22	0.0188	0 B	0B	0 B	88.3	93.6	50.1	31.3	20.1	8.398	2.18 B	0.0728	22
23	0.0148	0 B	0B	0.3008 B	98.3	95.8	53.7	32.2	23.5	12.1 B	1.97 B	0.0708	23
24	0.0138	0 B	0B	2.00 B	102	88.6	51.7	28.3	22.3	11.8 B	1.78 B	0.0678	24
25	0.0128	0 B	0B	5.00 B	106	74.5	48.6	29.2	18.2	9.838	1.60 B	0.0658	25
26	0.0128	0 B	0B	11.0 B	107	85.8	42.1	32.4	21.6	10.6 B	1.30 B	0.0628	26
27	0.0118	0 B	0B	17.6 B	108	88.6	38.0	28.8	9.87	9.578	1.12 B	0.0608	27
28	0.0108	0 B	0B	21.6 B	108	88.6	37.8	26.2	14.7	7.478	1.01 B	0.0678	28
29	0.0088		0B	25.7 B	108	83.6	47.8	23.3	25.9	8.788	0.8910	0.0558	29
30	0.0088		0B	28.7 B	110	80.5	40.4	18.3	17.5	7.958	0.7638	0.0538	30
31	0.0088		0B		107		47.8	31.0		8.428		0.0488	31
TOTAL	0.593	0.040	0	112.800	2 587.7	2 814.2	1 784.4	1 092.9	574.30	380.63	118.074	6.329	TOTAL
MEAN	0.019	0.001	0	3.76	83.5	97.1	58.6	35.3	19.1	12.3	3.87	0.204	MEAN
MAX	0.030	0.007	0	28.7	110	114	84.3	58.2	33.0	25.8	9.81	0.691	MAX
MIN	0.008	0	0	0	33.8	74.5	38.8	18.3	5.84	4.73	0.763	0.048	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.1
MAXIMUM DAILY, 114 ON JUN 7
MINIMUM DAILY, 0B ON FEB 12
MAXIMUM INSTANTANEOUS,
116 AT 02:05 MDT ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 42 45 N
LONG 114 55 00 W
DRAINAGE AREA, 17 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51.2	JUL	152 000
FEB	3.46	AUG	84 400
MAR	0	SEP	49 000
APR	5 750	OCT	32 000
MAY	224 000	NOV	10 000
JUN	283 000	DEC	847

TOTAL DISCHARGE, 825 000 dam³

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.46B	1.51 B	0.020B	0B	0 B	53.0B	525E	267	304	209	41.2B	30.5B	1
2	3.35B	1.45 B	0.010B	0B	0 B	70.0B	495E	277	340	202	40.2B	30.4B	2
3	3.27B	1.38 B	0 B	0B	0 B	95.0B	470E	267	347	200	39.5B	30.4B	3
4	3.22B	1.31 B	0 B	0B	0 B	130 B	443E	264	339	213	38.6B	30.3B	4
5	3.18B	1.23 B	0 B	0B	0 B	170 B	422E	249	324	207	38.0B	30.3B	5
6	3.11B	1.16 B	0 B	0B	0 B	220 B	406A	242	317	204	37.3B	30.2B	6
7	3.03B	1.07 B	0 B	0B	0 B	285 B	382	233	321	201	36.6B	30.2B	7
8	2.98B	1.02 B	0 B	0B	0.010B	380 B	365	227	346	195	36.3B	30.1B	8
9	2.90B	0.930B	0 B	0B	0.030B	510 B	354	221	369	187	35.7B	30.1B	9
10	2.83B	0.870B	0 B	0B	0.040B	615 B	401	216	377	170	35.2B	30.0B	10
11	2.76B	0.830B	0 B	0B	0.050B	725 B	459	214	374	148	34.7B	30.0B	11
12	2.70B	0.780B	0 B	0B	0.060B	830 B	486	211	364	173	34.1B	30.0B	12
13	2.65B	0.720B	0 B	0B	0.080B	945 B	480	215	352	180	33.6B	29.9B	13
14	2.59B	0.660B	0 B	0B	0.110B	986 B	477	233	335	165	33.2B	29.9B	14
15	2.53B	0.610B	0 B	0B	0.150B	983 E	468	276	321	132 B	32.9B	29.9B	15
16	2.48B	0.550B	0 B	0B	0.210B	950 E	470	300	312	124 B	32.5B	29.9B	16
17	2.44B	0.470B	0 B	0B	0.320B	929 E	481	297	303	115 B	32.2B	29.8B	17
18	2.39B	0.430B	0 B	0B	0.430B	898 E	471	291	290	110 B	32.0B	29.8B	18
19	2.33B	0.390B	0 B	0B	1.00 B	872 E	463	285	274	100 B	31.6B	29.8B	19
20	2.28B	0.340B	0 B	0B	2.04 B	846 E	502	276	264	93.0B	31.7B	29.7B	20
21	2.24B	0.300B	0 B	0B	2.60 B	815 E	550	275	252	84.0B	31.5B	29.7B	21
22	2.18B	0.250B	0 B	0B	3.50 B	790 E	504	275	244	76.0B	31.4B	29.7B	22
23	2.15B	0.210B	0 B	0B	4.80 B	760 E	493	269	242	69.0B	31.3B	29.6B	23
24	2.12B	0.180B	0 B	0B	6.00 B	740 E	435	264	260	82.0B	31.1B	29.6B	24
25	2.08B	0.140B	0 B	0B	7.80 B	705 E	411	261	272	57.6B	31.6B	29.6B	25
26	2.03B	0.100B	0 B	0B	10.5 B	675 E	387	259	278	53.0B	30.9B	29.5B	26
27	1.98B	0.070B	0 B	0B	14.0 B	645 E	367	253	265	51.0B	30.6B	29.5B	27
28	1.67B	0.040B	0 B	0B	18.0 B	615 E	345	255	277	46.9B	30.7B	29.5B	28
29	1.78B		0 B	0B	24.0 B	580 E	323	255	263	46.3B	30.6B	29.4B	29
30	1.68B		0 B	0B	31.0 B	550 E	310	255	233	44.5B	30.6B	29.4B	30
31	1.60B		0 B		41.0 B		296	259		42.2B		29.4B	31
TOTAL	78.23	19.030	0.030	0	167.530	18 397.0	14 001	7 884	9 179	3 923.5	1 017.1	926.1	TOTAL
MEAN	2.52	0.680	0.001	0	5.40	613	452	258	306	127	33.9	29.9	MEAN
MAX	3.46	1.51	0.020	0	41.0	986	671	300	377	213	41.2	30.5	MAX
MIN	1.60	0.040	0	0	0	53.0	296	211	233	42.2	30.5	29.4	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 153
MAXIMUM DAILY, 986B ON JUN 14
MINIMUM DAILY, 0B ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 42 20 N
LONG 108 49 00 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 760	JUL	1 210 000
FEB	1 540	AUG	691 000
MAR	2.59	SEP	793 000
APR	0	OCT	339 000
MAY	14 500	NOV	87 900
JUN	1 590 000	DEC	80 000

TOTAL DISCHARGE, 4 810 000 dam³

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	16.0 B	0.171	0.056	0.023	0.0188	0B	0B	1
2	0B	0B	0B	0B	0 B	12.5 A	0.134	0.051	0.024	0.0178	0B	0B	2
3	0B	0B	0B	0B	0 B	8.61	0.138	0.043	0.025	0.0188	0B	0B	3
4	0B	0B	0B	0B	0 B	5.95	0.125	0.039	0.026	0.0158	0B	0B	4
5	0B	0B	0B	0B	0 B	4.39	0.115	0.037	0.026	0.0148	0B	0B	5
6	0B	0B	0B	0B	0 B	3.36	0.107	0.036	0.031	0.0138	0B	0B	6
7	0B	0B	0B	0B	0 B	2.62	0.101	0.036	0.035	0.0128	0B	0B	7
8	0B	0B	0B	0B	0 B	2.19	0.098	0.035	0.037	0.0108	0B	0B	8
9	0B	0B	0B	0B	0 B	1.86	0.091	0.031	0.038	0.0088	0B	0B	9
10	0B	0B	0B	0B	0 B	1.63	0.086	0.031	0.040	0.0078	0B	0B	10
11	0B	0B	0B	0B	0 B	1.35	0.081	0.030	0.037	0.0068	0B	0B	11
12	0B	0B	0B	0B	0 B	1.22	0.078	0.030	0.033	0.0058	0B	0B	12
13	0B	0B	0B	0B	0 B	1.10	0.078	0.029	0.032	0.0038	0B	0B	13
14	0B	0B	0B	0B	0 B	1.01	0.078	0.029	0.031	0.0028	0B	0B	14
15	0B	0B	0B	0B	0 B	0.914	0.077	0.028	0.031	0 B	0B	0B	15
16	0B	0B	0B	0B	0 B	0.859	0.077	0.027	0.031	0 B	0B	0B	16
17	0B	0B	0B	0B	0 B	0.786	0.078	0.026	0.031	0 B	0B	0B	17
18	0B	0B	0B	0B	0 B	0.729	0.080	0.026	0.0308	0 B	0B	0B	18
19	0B	0B	0B	0B	0 B	0.667	0.082	0.025	0.0288	0 B	0B	0B	19
20	0B	0B	0B	0B	0 B	0.607	0.082	0.025	0.0278	0 B	0B	0B	20
21	0B	0B	0B	0B	0 B	0.548	0.078	0.024	0.0268	0 B	0B	0B	21
22	0B	0B	0B	0B	0 B	0.497	0.078	0.023	0.0258	0 B	0B	0B	22
23	0B	0B	0B	0B	0 B	0.457	0.073	0.023	0.0248	0 B	0B	0B	23
24	0B	0B	0B	0B	0 B	0.406	0.071	0.023	0.0248	0 B	0B	0B	24
25	0B	0B	0B	0B	0 B	0.372	0.068	0.022	0.0238	0 B	0B	0B	25
26	0B	0B	0B	0B	0 B	0.331	0.068	0.022	0.0228	0 B	0B	0B	26
27	0B	0B	0B	0B	0.220B	0.290	0.074	0.022	0.0218	0 B	0B	0B	27
28	0B	0B	0B	0B	0.500B	0.253	0.078	0.023	0.0208	0 B	0B	0B	28
29	0B		0B	0B	1.04 B	0.223	0.068	0.023	0.0208	0 B	0B	0B	29
30	0B		0B	0B	3.80 B	0.198	0.067	0.022	0.0198	0 B	0B	0B	30
31	0B		0B		20.0 B		0.063	0.023		0 B		0B	31
TOTAL	0	0	0	0	28.360	72.041	2.759	0.935	0.843	0.148	0	0	TOTAL
MEAN	0	0	0	0	0.915	2.40	0.089	0.030	0.028	0.005	0	0	MEAN
MAX	0	0	0	0	20.0	16.0	0.171	0.056	0.040	0.018	0	0	MAX
MIN	0	0	0	0	0	0.198	0.063	0.022	0.019	0	0	0	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.671
MAXIMUM DAILY, 20.0B ON MAY 31
MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 00 N
LONG 133 15 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	238
FEB	0	AUG	79.8
MAR	0	SEP	72.6
APR	0	OCT	13.6
MAY	2 650	NOV	0
JUN	6 230	DEC	0

TOTAL DISCHARGE, 9 070 dam³

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.26	2.13A	1.92	1.37	1.38E	3.14	3.32	5.76	10.9	12.5	13.6	13.2 E	1
2	2.25	2.17	1.93	1.38	1.40E	3.32	3.33	5.86	11.2	12.5	13.7	13.0 E	2
3	2.26	2.35	1.95	1.35	1.44E	3.37	3.20	6.25	11.3	12.3	13.7	12.9 E	3
4	2.26	2.31	1.95	1.30	1.46E	3.52	3.07	7.45	11.3	12.2	13.8	12.7 E	4
5	2.26	2.22	1.94	1.28	1.63E	3.63	3.01	8.32	11.5	12.6	13.9	12.6 E	5
6	2.24	2.21	1.90	1.28	1.69E	3.58	3.01	8.55	11.9	12.8	14.0	12.4 E	6
7	2.23	2.20	1.80A	1.26	1.85E	3.67	3.07	8.65	11.8	12.6	14.1	12.3 E	7
8	2.21	2.17	1.75E	1.20	1.70E	3.67	3.04	9.01	12.0	12.9	14.1	12.2 E	8
9	2.20	2.14	1.85E	1.16	1.74E	3.77	3.24	8.94	12.0	13.1	14.0	12.0 E	9
10	2.18	2.14	1.83E	1.12	1.77E	3.80	3.16	8.69	12.0	13.2	14.0	11.9 E	10
11	2.26	2.10	1.84E	1.10	1.77E	3.84	3.24	8.85	12.0	13.2	14.0	11.7 E	11
12	2.38	2.07	1.84E	1.12	1.76A	3.88	3.33	8.76	12.0	13.3	14.0	11.6 E	12
13	2.42	2.04	1.81E	1.16	1.74	3.82	3.29	8.50	12.1	13.5	14.2	11.4 E	13
14	2.44	2.03	1.69E	1.19	1.73	3.84	3.28	9.04	12.0	14.2	14.1	11.3 E	14
15	2.46	1.96	1.60E	1.19	1.73	3.90	3.33	9.24	11.9	14.1	14.1	11.2 E	15
16	2.55	1.93	1.62A	1.25	1.71	3.92	3.52	9.49	11.8	13.3	14.2	11.0 E	16
17	2.59	1.85	1.65	1.29	1.70	3.93	3.96	9.77	11.7	13.1	14.2	10.8 E	17
18	2.60	1.86	1.64	1.28	1.68	3.90	4.43	9.95	11.8	13.0	14.2	10.6 E	18
19	2.58	1.81	1.62	1.28	1.68	3.88	4.74	10.2	11.8	13.0	14.2	10.5 E	19
20	2.58	1.82A	1.60	1.33	1.70	3.84	4.88	10.4	12.0	13.0	14.2	10.5 E	20
21	2.63	1.84A	1.60	1.38	1.73	3.76	4.86	10.6	11.7	13.0	14.2	10.3 A	21
22	2.59	1.88	1.68	1.40	1.77	3.71	4.84	10.7	11.7	13.4	14.2	10.3	22
23	2.46	1.93	1.66	1.45	1.78	3.86	4.98	10.8	11.6	13.1	14.1	10.4	23
24	2.40	1.93	1.63	1.47	1.78	3.86	5.09	10.9	11.4	13.4	14.0	10.3	24
25	2.36	1.93	1.58	1.50	1.85	3.88	5.41	10.9	11.5	13.5	13.7	10.3	25
26	2.35	1.93	1.56	1.48A	2.24	3.81	5.43	10.9	11.6	13.6	13.7	10.2	26
27	2.34	1.90	1.55	1.48E	2.46	3.64	5.45	11.1	11.8	13.5	13.7A	10.1	27
28	2.31	1.90	1.54	1.42E	2.58	3.61	5.45	10.8	12.3	13.6	13.6E	9.88	28
29	2.25E		1.55	1.38E	2.75	3.39	5.44	11.0	12.3	13.3	13.4E	9.84	29
30	2.18E		1.55	1.36E	2.85	3.40	5.32	11.3	12.4	13.4	13.3E	9.67	30
31	2.13E		1.56		3.09		5.44	11.2		13.5		9.61	31
TOTAL	73.16	56.77	49.08	39.24	57.85	109.80	127.23	282.01	353.1	407.6	416.3	347.71	TOTAL
MEAN	2.36	2.03	1.58	1.31	1.87	3.85	4.10	9.42	11.8	13.1	13.9	11.2	MEAN
MAX	2.63	2.36	1.95	1.50	3.09	3.93	5.45	11.3	12.4	14.2	14.2	13.2	MAX
MIN	2.13	1.81	1.54	1.10	1.38	3.14	3.01	5.76	10.9	12.2	13.3	9.61	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 39
MAXIMUM DAILY, 14.2 ON OCT 14
MINIMUM DAILY, 1.10 ON APR 11
MAXIMUM INSTANTANEOUS,
15.5 AT 01:55 MST ON OCT 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 29 22 N
LONG 113 31 12 W
DRAINAGE AREA, 2 570 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 6 320	JUL 11 000
FEB 4 900	AUG 25 200
MAR 4 240	SEP 30 500
APR 3 380	OCT 35 200
MAY 5 000	NOV 36 100
JUN 9 470	DEC 30 000

TOTAL DISCHARGE, 201 000 dam³

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	82.0E	85.1E	78.8E	71.7	84.3	84.9	116	128	146	151	156	151	1
2	81.8E	84.9E	78.6E	71.6	83.8	87.1	114	128	147	153	158	151	2
3	81.8E	84.6E	78.4E	71.4	83.7	88.1	115	128	146	154	158	151	3
4	81.4E	84.4E	78.1E	71.4	82.6	90.7	118	129	146	155	158	151	4
5	81.1E	84.2E	77.9E	71.8	83.5	92.8	117	129	146	155	158	151	5
6	80.8E	84.0E	77.7E	71.2	83.3	94.5	116	128	145	156	158	151	6
7	80.7E	83.7E	77.6E	70.7	83.0	96.3	120	130	146	158	157	152	7
8	80.5E	83.5E	77.3	70.6	82.6	97.5	133	131	146	156	157	151	8
9	80.3E	83.3E	77.0	70.1	82.5	96.8	132	131	147	151	157	150	9
10	80.0E	83.1E	77.8	69.8	82.2	80.8	133	131	146	153	156	148	10
11	89.8E	82.8E	77.7	69.7	81.9	83.2	133	132	148	154	156	149	11
12	89.6E	82.6E	77.3	69.4	81.6	86.6	134	134	148	156	157	149	12
13	89.3E	82.4E	77.1	69.0	81.4	87.2	134	131	150	156	155	148	13
14	89.1E	82.2E	77.2	68.5	81.1	87.9	133	134	151	156	154	148	14
15	88.9E	82.0E	77.0	68.0	80.8	88.8	133	136	151	155	154	147	15
16	88.7E	81.7E	76.4	67.8	80.7	91.0	134	137	150	156	154	148	16
17	88.4E	81.5E	76.0	67.5	81.0	93.2	134	136	150	153	156	146	17
18	88.2E	81.3E	75.8	68.1	81.6	95.3	135	136	151	151	157	145	18
19	88.0E	81.1E	75.3	67.9	81.0	97.5	137	136	151	151	156	148	19
20	87.8E	80.8E	74.4	67.5	80.2	99.3	138	139	153	153	156	145	20
21	87.5E	80.8E	74.3	67.5	80.6	101	139	139	155	153	156	145	21
22	87.3E	80.4E	74.3	67.3	80.4	104	138	138	153	153	154	144	22
23	87.1E	80.2E	74.0	67.8	80.1	106	138	140	153	156	154	143	23
24	86.9E	79.9E	73.6	67.6	80.8	108	138	142	153	156	154	143	24
25	86.7E	79.7E	73.3	67.6	80.7	109	138	143	153	156	154	144	25
26	86.4E	79.5E	73.1	66.4	80.4	110	139	143	154	155	153	142	26
27	86.2E	79.3E	72.8	66.0	80.1	112	139	144	154	154	154	143	27
28	86.0E	79.0E	72.6	65.4	80.0	113	139	144	154	155	154	143	28
29	85.8E		72.3	64.6	80.1	114	137	144	149	156	154	142	29
30	85.5E		72.1	64.7	80.1	116	138	148	151	155	152	140	30
31	85.3E		71.9		82.2		138	148		160		140	31
TOTAL	2 748.7	2 397.6	2 347.3	2 068.7	1 803.9	2 736.3	3 837	4 217	4 482	4 781	4 673	4 548	TOTAL
MEAN	88.7	82.1	75.7	68.6	81.4	91.1	124	136	149	154	156	147	MEAN
MAX	92.0	85.1	78.8	71.9	84.3	116	139	148	155	160	158	152	MAX
MIN	85.3	79.0	71.9	64.7	80.0	84.9	114	128	145	151	152	140	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 160 ON OCT 31
MINIMUM DAILY, 64.0 ON MAY 28
MAXIMUM INSTANTANEOUS,
181 AT 19:16 MST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 35 45 N
LONG 117 45 30 W
DRAINAGE AREA, 30 000 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 237 000	JUL 332 000
FEB 199 000	AUG 364 000
MAR 203 000	SEP 387 000
APR 178 000	OCT 414 000
MAY 164 000	NOV 404 000
JUN 238 000	DEC 393 000

TOTAL DISCHARGE, 3 819 000 dam³

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6B	10.4B	10.0B	10.0B	43.7B	1 140	84.4	107	63.8	38.3	22.6B	15.6B	1
2	12.7B	10.4B	10.0B	10.1B	45.0B	787	78.7	110	63.8	38.1	22.5B	15.6B	2
3	12.6B	10.4B	10.0B	10.1B	46.2B	305	67.4	136	79.0	36.8	22.2B	15.5B	3
4	12.5B	10.3B	10.0B	10.2B	47.1B	188	60.0	115	111	35.4	21.8B	15.3B	4
5	12.4B	10.3B	10.0B	10.3B	48.0B	171	58.1	96.5	110	33.1	21.5B	15.2B	5
6	12.3B	10.3B	10.0B	10.4B	48.8B	161	52.8	88.1	98.5	30.5	21.2B	15.1B	6
7	12.2B	10.3B	10.0B	10.5B	49.4B	204	48.4	80.7	92.0	30.4	20.9B	15.0B	7
8	12.1B	10.2B	10.0B	10.6B	50.0B	239	45.2	80.4	86.4	30.5	20.5B	14.8B	8
9	12.0B	10.2B	10.0B	10.7B	50.4B	224	42.2	81.8	82.4	28.6	20.2B	14.7B	9
10	11.9B	10.2B	10.0B	10.9B	51.1B	224	39.3	74.4	77.9	27.2	20.0B	14.6B	10
11	11.3B	10.2B	10.0B	11.2B	51.9B	229	38.6	71.3	73.4	31.2	19.6B	14.5B	11
12	11.7B	10.2B	10.0B	11.4B	52.3B	261	51.3	71.5	68.9	25.0	19.6B	14.4B	12
13	11.6B	10.1B	10.0B	11.6B	52.9B	225	65.6	68.5	64.7	30.9	19.3B	14.3B	13
14	11.5B	10.1B	10.0B	11.9B	53.5B	177	66.7	65.0	63.1	32.1	19.1B	14.2B	14
15	11.5B	10.1B	10.0B	12.4B	54.2B	154	70.8	63.5	60.8	31.1B	18.8B	14.0B	15
16	11.4B	10.1B	10.0B	12.7B	55.7B	143	62.1	66.3	58.7	30.4B	18.6B	13.9B	16
17	11.3B	10.1B	10.0B	13.2B	56.9B	156	76.9	76.0	57.0	29.9B	18.4B	13.8B	17
18	11.3B	10.1B	10.0B	14.0B	58.6B	141	80.1	78.0	56.0	29.2B	18.2B	13.7B	18
19	11.2B	10.1B	10.0B	14.8B	60.8B	147	66.5	81.2	54.7	28.6B	17.9B	13.6B	19
20	11.1B	10.1B	10.0B	15.7B	64.0B	121	57.9	83.4	53.3	28.1B	17.7B	13.5B	20
21	11.0B	10.1B	10.0B	16.6B	68.6B	102	52.4	77.6	51.4	27.5B	17.5B	13.4B	21
22	11.0B	10.1B	10.0B	18.1B	81.0B	94.2	48.0	70.8	49.8	27.0B	17.3B	13.3B	22
23	10.9B	10.1B	10.0B	19.8B	97.0B	101	44.8	65.7	48.4	26.5B	17.1B	13.2B	23
24	10.8B	10.1B	10.0B	21.7B	120 B	109	48.0	61.8	47.7	26.0B	16.9B	13.1B	24
25	10.8B	10.0B	10.0B	24.2B	148 B	88.6	49.3	59.8	44.3	25.6B	16.7B	13.0B	25
26	10.7B	10.0B	10.0B	27.5B	175	85.4	49.8	57.9	39.1	25.1B	16.6B	12.9B	26
27	10.7B	10.0B	10.0B	33.8B	272	84.3	45.8	55.0	38.3	24.6B	16.4B	12.6B	27
28	10.6B	10.0B	10.0B	37.3B	431	74.1	52.9	70.7	42.1	24.3B	16.2B	12.7B	28
29	10.6B		10.0B	40.0B	552	107	62.5	80.0	36.2	23.9B	16.1B	12.6B	29
30	10.5B		10.0B	41.9B	693	92.1	103	72.0	37.6	23.6B	15.9B	12.5B	30
31	10.5B		10.0B		1 020		110	65.4		23.2B		12.5B	31
TOTAL	356.0	284.6	310.0	513.8	4 700.5	6 302.7	1 939.6	2 453.3	1 913.7	906.9	567.7	433.6	TOTAL
MEAN	11.5	10.2	10.0	17.1	152	210	62.6	79.1	63.8	29.3	18.9	14.0	MEAN
MAX	12.8	10.4	10.0	41.9	1 020	1 140	110	136	111	38.3	22.6	15.6	MAX
MIN	10.5	10.0	10.0	10.0	43.7	74.1	38.6	65.0	37.6	23.2	15.9	12.5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.7
MAXIMUM DAILY, 1 140 ON JUN 1
MINIMUM DAILY, 10.0B ON FEB 25
MAXIMUM INSTANTANEOUS,
1 280 AT 14:23 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 17 48 N
LONG 127 41 05 W
DRAINAGE AREA, 6 860 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 800	JUL	166 000
FEB	24 600	AUG	212 000
MAR	26 800	SEP	165 000
APR	44 400	OCT	78 400
MAY	406 000	NOV	49 000
JUN	545 000	DEC	37 500

TOTAL DISCHARGE, 1 790 000 dam³

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	30.5 B	2.09	0.984	0.900	0.8288	0.4688	0.2528	1
2	0B	0B	0B	0B	0 B	31.6	2.05	0.958	0.906	0.8108	0.4648	0.2438	2
3	0B	0B	0B	0B	0 B	30.0	1.97	0.936	0.912	0.7938	0.4608	0.2348	3
4	0B	0B	0B	0B	0 B	16.8	1.84	0.992	0.917	0.7738	0.4568	0.2258	4
5	0B	0B	0B	0B	0 B	12.2	1.74	1.17	0.921	0.7608	0.4538	0.2188	5
6	0B	0B	0B	0B	0 B	10.2	1.66	1.38	0.925	0.7458	0.4488	0.2068	6
7	0B	0B	0B	0B	0 B	8.28	1.57	1.28	0.932	0.7258	0.4428	0.1908	7
8	0B	0B	0B	0B	0 B	6.98	1.47	1.26	0.906	0.7108	0.4388	0.1858	8
9	0B	0B	0B	0B	0 B	6.07	1.46	1.20	0.886	0.6958	0.4328	0.1458	9
10	0B	0B	0B	0B	0 B	5.54	1.43	1.12	0.863	0.6758	0.4268	0.1228	10
11	0B	0B	0B	0B	0 B	5.14	1.39	1.10	0.861	0.6608	0.4228	0.1008	11
12	0B	0B	0B	0B	0 B	4.80	1.34	1.11	0.861	0.6428	0.4168	0.0808	12
13	0B	0B	0B	0B	0 B	4.59	1.29	1.06	0.852	0.6258	0.4098	0.0708	13
14	0B	0B	0B	0B	0 B	4.41	1.26	1.06	0.863	0.6108	0.4038	0.0648	14
15	0B	0B	0B	0B	0 B	4.22	1.21	1.04	0.853	0.5958	0.4008	0.0448	15
16	0B	0B	0B	0B	0 B	4.01	1.16	1.02	0.859	0.5808	0.3928	0.0368	16
17	0B	0B	0B	0B	0 B	3.83	1.16	1.00	0.831	0.5658	0.3848	0.0248	17
18	0B	0B	0B	0B	0 B	3.65	1.15	0.973	0.863	0.5558	0.3788	0.0188	18
19	0B	0B	0B	0B	0 B	3.46	1.15	0.936	0.871	0.5458	0.3688	0.0088	19
20	0B	0B	0B	0B	0 B	3.32	1.14	0.917	0.874	0.5388	0.3608	0 B	20
21	0B	0B	0B	0B	0 B	3.22	1.12	0.905	0.877	0.5308	0.3508	0 B	21
22	0B	0B	0B	0B	0 B	3.08	1.08	0.889	0.887	0.5208	0.3428	0 B	22
23	0B	0B	0B	0B	0 B	2.98	1.02	0.888	0.8808	0.5138	0.3348	0 B	23
24	0B	0B	0B	0B	0 B	2.90	0.995	0.934	0.8428	0.5058	0.3248	0 B	24
25	0B	0B	0B	0B	0 B	2.83	1.07	0.960	0.8308	0.5008	0.3148	0 B	25
26	0B	0B	0B	0B	0 B	2.70	1.39	0.938	0.8108	0.4868	0.3028	0 B	26
27	0B	0B	0B	0B	0.1398	2.61	1.27	0.933	0.8958	0.4928	0.2928	0 B	27
28	0B	0B	0B	0B	0.3358	2.49	1.16	0.924	0.8758	0.4858	0.2828	0 B	28
29	0B		0B	0B	0.6408	2.42	1.08	0.914	0.8608	0.4808	0.2728	0 B	29
30	0B		0B	0B	27.5 B	2.23	1.03	0.904	0.8458	0.4768	0.2628	0 B	30
31	0B		0B		35.0 B		1.02	0.896		0.4728		0 B	31
TOTAL	0	0	0	0	63.814	215.03	41.805	31.742	26.647	18.907	11.491	3.432	TOTAL
MEAN	0	0	0	0	2.06	7.17	1.35	1.02	0.888	0.610	0.383	0.076	MEAN
MAX	0	0	0	0	35.0	31.6	2.09	1.38	0.960	0.828	0.468	0.252	MAX
MIN	0	0	0	0	0	2.23	0.995	0.889	0.831	0.472	0.262	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 35.0B ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 04 15 N
LONG 133 26 30 W
DRAINAGE AREA, 883 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	3 610
FEB	0	AUG	2 740
MAR	0	SEP	2 300
APR	0	OCT	1 830
MAY	5 510	NOV	983
JUN	16 800	DEC	210

TOTAL DISCHARGE, 35 000 dam³

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0 B	0 B	0 B	0.320 B	728 B	67.9	23.5	11.6 E	9.60B	15.5 B	5.62B	1
2	0 B	0 B	0 B	0 B	0.480B	720 B	64.0	22.5	11.3 E	10.1 B	15.4 B	5.38B	2
3	0 B	0 B	0 B	0 B	0.600B	705 E	60.2	20.6	11.0 E	10.4 B	15.2 B	5.12B	3
4	0 B	0 B	0 B	0 B	1.14 B	675 E	56.4	20.0	10.8 E	10.7 B	15.0 B	4.92B	4
5	0 B	0 B	0 B	0 B	1.54 B	640 E	52.4	20.3	10.6 E	11.0 B	14.8 B	4.65B	5
6	0 B	0 B	0 B	0 B	2.30 B	595 E	48.8	20.6	10.4 E	11.3 B	14.5 B	4.44B	6
7	0 B	0 B	0 B	0 B	6.80 B	550 E	46.8	20.7	10.2 E	11.6 B	14.2 B	4.25B	7
8	0 B	0 B	0 B	0 B	11.0 B	510 E	43.9	20.4A	9.98E	12.2 B	13.9 B	4.05B	8
9	0 B	0 B	0 B	0 B	18.0 B	475 E	41.4	20.1E	9.80E	12.5 B	13.6 B	3.90B	9
10	0 B	0 B	0 B	0 B	27.0 B	440 E	39.3	19.9E	9.62E	12.9 B	13.2 B	3.78B	10
11	0 B	0 B	0 B	0 B	40.0 B	405 E	37.0	19.5E	9.50E	13.2 B	12.8 B	3.60B	11
12	0 B	0 B	0 B	0 B	56.0 B	376 E	35.7	19.1E	9.38E	13.7 B	12.5 B	3.48B	12
13	0 B	0 B	0 B	0 B	78.0 B	350 E	34.7	18.8E	9.22E	14.0 B	12.1 B	3.30B	13
14	0 B	0 B	0 B	0 B	105 B	320 E	33.8	18.4E	9.12E	14.4 B	11.8 B	3.18B	14
15	0 B	0 B	0 B	0 B	134 B	295 E	32.2	18.0E	9.02E	14.7 B	11.4 B	3.04B	15
16	0 B	0 B	0 B	0 B	166 B	268 E	31.2	17.6E	8.98E	15.0 B	11.0 B	2.95B	16
17	0 B	0 B	0 B	0 B	202 B	246 E	32.6	17.2E	8.90E	15.2 B	10.6 B	2.84B	17
18	0 B	0 B	0 B	0 B	244 B	225 E	37.6	16.8E	8.85E	15.4 B	10.2 B	2.73B	18
19	0 B	0 B	0 B	0 B	288 B	205 E	43.1	16.4E	8.80E	15.6 B	9.85B	2.65B	19
20	0 B	0 B	0 B	0 B	335 B	188 E	43.8	16.0E	8.78A	15.8 B	9.50B	2.57B	20
21	0 B	0 B	0 B	0 B	385 B	170 E	42.6	15.6E	8.77E	16.0 B	9.05B	2.48B	21
22	0 B	0 B	0 B	0 B	440 B	162 E	41.6	15.1E	8.75E	16.1 B	8.70B	2.41B	22
23	0 B	0 B	0 B	0 B	490 B	138 E	41.1	14.7E	8.78B	16.2 B	8.35B	2.36B	23
24	0 B	0 B	0 B	0 B	530 B	122 E	39.1	14.3E	8.60B	16.3 B	8.00B	2.29B	24
25	0 B	0 B	0 B	0 B	575 B	110 E	36.6	13.8E	8.62B	16.4 B	7.65B	2.23B	25
26	0 B	0 B	0 B	0 B	620 B	98.0E	34.4	13.5E	8.66B	16.3 B	7.25B	2.17B	26
27	0 B	0 B	0 B	0.020B	655 B	83.4A	31.6	13.2E	9.00B	16.2 B	6.95B	2.11B	27
28	0 B	0 B	0 B	0.080B	690 B	60.2	29.9	12.8E	9.15B	16.1 B	6.80B	2.05B	28
29	0 B		0 B	0.160B	705 B	78.1	28.8	12.5E	9.35B	16.0 B	6.22B	2.00B	29
30	0 B		0 B	0.240B	720 B	71.8	27.4	12.1E	9.60B	15.9 B	5.92B	1.92B	30
31	0 B		0 B		730 B		25.8	11.8E		15.7 B		1.80B	31
TOTAL	0	0	0	0.500	8 267.380	10 017.8	1 263.1	535.6	285.71	436.90	331.74	100.24	TOTAL
MEAN	0	0	0	0.017	286	334	40.7	17.3	9.52	14.1	11.1	3.23	MEAN
MAX	0	0	0	0.240	730	728	67.9	23.5	11.6	16.4	15.5	5.62	MAX
MIN	0	0	0	0	0.320	71.8	25.8	11.8	8.75	9.80	5.92	1.80	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 730B ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 23 40 N
LONG 128 57 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	109 000
FEB	0	AUG	48 300
MAR	0	SEP	24 700
APR	43.2	OCT	37 700
MAY	713 000	NOV	28 700
JUN	865 000	DEC	8 650

TOTAL DISCHARGE, 1 830 000 dam³

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.2	45.4	37.1E	32.2	28.4	30.0	157	258	243	199	174	137	1
2	56.8	45.3	36.9E	32.4	28.4	30.1	160	259	236	199	173	135	2
3	56.2	44.9	36.7E	32.2	28.4	30.2	163	262	234	203	173	134	3
4	55.6	44.6	36.4E	32.5	28.4	30.3	167	270	239	207	171	133	4
5	55.0	44.4	36.0E	32.7	28.4	31.1	171	280	235	202	170	131	5
6	54.3	44.1	35.9E	32.2	28.4	32.7	172	280	237	200	168	131	6
7	54.7	43.8	35.6E	32.0	28.4	34.8	175	262	240	199	166	129	7
8	54.8	43.5	35.2E	31.9	28.2	36.6	177	260	236	199	165	128	8
9	53.4	43.3	35.0A	32.0	28.1	38.8	183	262	232	199	163	126	9
10	53.7	43.2A	34.9	32.0	28.2	41.6	194	269	234	196	162	126	10
11	53.8	42.9E	34.9	32.0	28.4	45.5	195	257	234	195	161	125	11
12	53.2	42.7E	34.5	31.8	28.4	50.4	199	264	231	193	158	124	12
13	53.0	42.2E	34.4	31.9	28.5	56.5	204	269	230	197	158	122	13
14	52.4	41.8E	34.5	31.6	28.5	63.1	208	264	230	194	157	122	14
15	51.8	41.8E	34.0	31.4	28.4	69.7	212	261	229	191	156	121	15
16	51.6	41.2E	33.5	31.3	28.1	76.4	216	265	232	191	155	119	15
17	51.5	40.9E	33.5	31.6	28.0	82.7	223	265	225	188	154	117 A	17
18	51.2	40.4E	33.3	32.1	28.0	86.6	226	262	220	190	152	116 E	18
19	50.9	40.1E	33.3	31.4	28.0	93.9	231	258	219	190	150	115 E	19
20	50.4	40.0E	33.3	31.1	28.3	99.9	234	255	215	189	150	114 E	20
21	49.8	39.8E	33.0	31.1	28.5	106	238	253	214	186	149	114 E	21
22	49.4	39.5E	32.8	31.1	28.4	111	241	252	214	185	147	112 E	22
23	48.7	39.1E	32.8	30.8	28.4	118	244	249	216	190	146	111 E	23
24	48.4	38.8E	33.1	29.8	28.4	122	247	246	213	184	147	110 A	24
25	48.0	38.6E	32.8	29.4	28.4	127	249	250	213	182	146	108 A	25
26	47.4	38.2E	32.6	29.1	28.4	133	252	247	211	182	145	107 E	26
27	47.1	38.0E	32.7	29.1	28.2	138	259	242	217	180	143	105 E	27
28	46.8	37.8E	32.7	28.7	27.8	143	265	248	213	178	141	104 E	28
29	46.8		32.6	28.8	27.8	147	257	244	207	178	140	103 E	29
30	46.4		32.4	28.4	27.8	152	258	238	202	178	138	101 E	30
31	45.8		32.3		28.5		260	244		178		99.3E	31
TOTAL	1 596.1	1 186.3	1 066.6	934.3	877.3	2 389.9	6 628	7 948	6 781	5 919	4 682	3 681.3	TOTAL
MEAN	51.5	41.7	34.1	31.1	28.3	79.7	214	256	225	191	151	119	MEAN
MAX	57.2	45.4	37.1	32.7	28.5	152	260	270	243	207	174	137	MAX
MIN	45.8	37.8	32.3	28.4	27.8	30.0	157	238	202	178	138	99.3	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 119
MAXIMUM DAILY, 270 ON AUG 4
MINIMUM DAILY, 27.5 ON MAY 28
MAXIMUM INSTANTANEOUS,
281 AT 00:42 MST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 25 00 N
LONG 114 00 30 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	136 000	JUL	573 000
FEB	101 000	AUG	687 000
MAR	91 500	SEP	583 000
APR	80 700	OCT	511 000
MAY	75 600	NOV	406 000
JUN	204 000	DEC	316 000

TOTAL DISCHARGE, 3 770 000 dam³

NORTHWEST TERRITORIES

DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KC004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	231.358	231.295	231.180	231.116	231.067	231.078	231.443	231.591	231.651	231.615	231.549	231.524	1
2	231.356	231.290	231.176	231.116	231.066	231.086	231.441	231.594	231.652	231.614	231.556	231.522	2
3	231.352	231.287	231.176	231.117	231.066	231.085	231.438	231.592	231.651	231.613	231.554	231.521	3
4	231.349	231.285	231.177	231.117	231.067	231.090	231.440	231.590	231.651	231.612	231.549	231.520	4
5	231.345	231.285	231.173	231.116	231.067	231.092	231.445	231.590	231.650	231.615	231.545	231.520	5
6	231.346	231.283	231.174	231.117	231.070	231.093	231.448	231.589	231.650	231.612	231.545	231.520	6
7	231.344	231.279	231.173	231.117	231.066	231.097	231.450	231.592	231.652	231.609	231.543	231.519	7
8	231.341	231.274	231.171	231.116	231.069	231.100	231.449	231.592	231.644	231.610	231.541	231.517	8
9	231.339	231.270	231.168	231.117	231.067	231.102	231.447	231.590	231.642	231.609	231.538	231.516	9
10	231.338	231.266	231.163	231.116	231.063	231.108	231.448	231.590	231.637	231.605	231.536	231.518	10
11	231.334	231.263	231.157	231.108	231.066	231.117	231.447	231.592	231.632	231.602	231.536	231.518	11
12	231.330	231.260	231.155	231.095	231.033	231.141	231.445	231.591	231.629	231.601	231.536	231.516	12
13	231.331	231.257	231.152	231.094	231.022	231.186	231.446	231.591	231.628	231.600	231.535	231.517	13
14	231.328	231.254	231.152	231.092	231.020	231.179	231.447	231.592	231.627	231.600	231.535	231.517	14
15	231.326	231.252	231.152	231.090	231.019	231.221	231.448	231.590	231.624	231.600	231.535	231.516	15
16	231.326	231.246	231.146	231.084	231.018	231.262	231.448	231.604	231.624	231.598	231.533	231.515	16
17	231.325	231.246	231.142	231.086	231.023	231.267	231.453	231.607	231.623	231.596	231.532	231.516	17
18	231.325	231.243	231.141	231.084	231.026	231.297	231.457	231.611	231.621	231.596	231.532	231.516	18
19	231.322	231.237	231.138	231.086	231.027	231.310	231.461	231.612	231.623	231.597	231.532	231.514	19
20	231.317	231.231	231.135	231.084	231.032	231.355	231.474	231.614	231.624	231.597	231.530	231.513	20
21	231.315	231.224	231.131	231.082	231.061	231.367	231.503	231.622	231.628	231.597	231.526	231.512	21
22	231.314	231.217	231.130	231.083	231.057	231.370	231.531	231.631	231.627	231.594	231.526	231.512	22
23	231.311	231.198	231.126	231.085	231.052	231.376	231.536	231.635	231.626	231.593	231.526	231.511	23
24	231.310	231.191	231.122	231.086	231.053	231.381	231.541	231.639	231.626	231.593	231.526	231.506	24
25	231.311	231.178	231.118	231.087	231.058	231.383	231.546	231.642	231.632	231.597	231.526	231.502	25
26	231.310	231.178	231.115	231.090	231.080	231.389	231.561	231.648	231.624	231.595	231.526	231.498	26
27	231.307	231.182	231.116	231.090	231.064	231.407	231.578	231.646	231.626	231.593	231.524	231.498	27
28	231.306	231.182	231.118	231.089	231.067	231.424	231.587	231.646	231.625	231.593	231.522	231.497	28
29	231.305		231.118	231.076	231.068	231.428	231.588	231.651	231.621	231.593	231.523	231.497	29
30	231.304		231.118	231.067	231.071	231.432	231.587	231.650	231.616	231.592	231.525	231.493	30
31	231.298		231.117		231.078		231.589	231.653		231.592		231.494	31
MEAN	231.327	231.245	231.146	231.097	231.051	231.241	231.488	231.613	231.633	231.591	231.535	231.512	MEAN
MAX	231.358	231.295	231.180	231.116	231.078	231.432	231.589	231.653	231.652	231.615	231.556	231.524	MAX
MIN	231.298	231.178	231.115	231.067	231.018	231.078	231.439	231.588	231.616	231.592	231.522	231.493	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 231.374
MAXIMUM DAILY, 231.653 ON AUG 31
MINIMUM DAILY, 231.018 ON MAY 16
MAXIMUM INSTANTANEOUS,
231.655 AT 12:55 CST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 13 30 N
LONG 101 45 30 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 06KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2868	2578	2368	2208	2118	2268	600	483	408	438	3308	3108	1
2	2858	2568	2368	2198	2118	2278	601	481	407	438	3288	3108	2
3	2848	2558	2358	2198	2108	2288	603	483	408	441	3268	3108	3
4	2838	2548	2348	2188	2108	2308	595	481	408	454	3248	3088	4
5	2828	2538	2338	2188	2108	2358	597	435	410	448	3228	3088	5
6	2818	2528	2328	2188	2108	2408	597	438	408	447	3218	3088	6
7	2808	2528	2328	2178	2118	2608	587	435	408	446	3218	3088	7
8	2798	2518	2318	2178	2118	285	563	434	412	447	3208	3088	8
9	2788	2518	2318	2178	2128	299	578	435	410	446	3208	3088	9
10	2778	2508	2308	2168	2128	322	585	434	408	427	3198	3078	10
11	2768	2498	2298	2168	2138	348	580	430	412	443	3198	3078	11
12	2758	2488	2288	2168	2138	374	555	433	412	450	3188	3078	12
13	2748	2488	2288	2158	2148	397	546	431	410	451	3178	3068	13
14	2738	2478	2278	2158	2148	426	537	423	411	451	3178	3068	14
15	2728	2468	2278	2158	2148	451	534	427	410	448	3168	3068	15
16	2718	2468	2268	2158	2158	472	531	428	427	448	3168	3058	16
17	2708	2458	2268	2148	2158	483	528	427	430	448	3158	3058	17
18	2708	2458	2258	2148	2168	491	506	423	426	450	3158	3058	18
19	2698	2448	2258	2148	2168	494	496	420	421	447	3148	3048	19
20	2688	2438	2248	2138	2178	502	489	422	423	443	3148	3048	20
21	2678	2428	2248	2138	2178	513	487	422	427	443	3138	3048	21
22	2668	2428	2238	2138	2188	519	485	421	431	444	3138	3048	22
23	2658	2418	2238	2128	2188	526	483	417	432	444	3138	3048	23
24	2648	2408	2228	2128	2198	543	478	417	433	439	3128	3038	24
25	2638	2398	2228	2128	2208	550	474	417	431	448	3128	3038	25
26	2638	2398	2228	2128	2208	568	471	418	433	461	3128	3038	26
27	2628	2388	2218	2128	2218	590	467	417	436	388	3118	3038	27
28	2618	2378	2218	2118	2228	601	465	418	435	358	3118	3038	28
29	2608		2218	2118	2238	596	465	407	430	345	3118	3038	29
30	2598		2208	2118	2248	602	465	407	433	3388	3108	3038	30
31	2588		2208		2258		466	410		3328		3038	31
TOTAL	8 421	8 010	7 033	6 445	6 882	12 606	16 401	13 283	12 693	13 351	9 910	9 476	TOTAL
MEAN	272	287	227	215	218	420	529	428	420	431	317	305	MEAN
MAX	286	257	236	220	225	602	603	483	438	461	330	310	MAX
MIN	258	237	220	211	210	226	465	407	408	332	310	303	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 336
MAXIMUM DAILY, 603 ON JUL 3
MINIMUM DAILY, 2108 ON MAY 3
MAXIMUM INSTANTANEOUS,
607 AT 10:50 CST ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 10 01 N
LONG 99 26 47 W
DRAINAGE AREA, 87 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	728 000	JUL 1	420 000
FEB	597 000	AUG 1	150 000
MAR	606 000	SEP 1	090 000
APR	557 000	OCT 1	150 000
MAY	577 000	NOV	822 000
JUN 1	090 000	DEC	819 000

TOTAL DISCHARGE, 10 600 000 dam³

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10YE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0 B	6.66	11.0 E	1.54	---	---	---	1
2	---	---	---	---	---	0 B	6.74	10.0 E	1.41	---	---	---	2
3	---	---	---	---	---	0 B	6.36	9.00E	1.18	---	---	---	3
4	---	---	---	---	---	0 B	6.92	8.00E	1.17	---	---	---	4
5	---	---	---	---	---	0 B	7.56	7.00E	0.949	---	---	---	5
6	---	---	---	---	---	0 B	6.63	6.00E	0.805	---	---	---	6
7	---	---	---	---	---	0 B	6.91	5.40E	0.741	---	---	---	7
8	---	---	---	---	---	0 B	6.73	4.80E	0.678	---	---	---	8
9	---	---	---	---	---	0 B	7.21	4.40E	0.618	---	---	---	9
10	---	---	---	---	---	0 B	7.97	3.80E	0.588	---	---	---	10
11	---	---	---	---	---	0.020B	13.4	4.10E	0.505	---	---	---	11
12	---	---	---	---	---	0.080B	8.55	4.50E	0.505A	---	---	---	12
13	---	---	---	---	---	0.220B	5.78	4.90E	0.465E	---	---	---	13
14	---	---	---	---	---	0.320B	5.62	5.30E	0.430E	---	---	---	14
15	---	---	---	---	---	0.480B	6.31	6.00E	0.400E	---	---	---	15
16	---	---	---	---	---	0.700B	6.58	5.50E	0.375E	---	---	---	16
17	---	---	---	---	---	1.00 B	7.70A	4.80E	0.350E	---	---	---	17
18	---	---	---	---	---	1.50 B	6.80E	3.90E	0.330E	---	---	---	18
19	---	---	---	---	---	2.30 B	5.40E	3.40E	0.310E	---	---	---	19
20	---	---	---	---	---	3.50 B	4.30E	2.90E	0.293A	---	---	---	20
21	---	---	---	---	---	5.00 E	3.40E	2.50E	0.275E	---	---	---	21
22	---	---	---	---	---	7.00 E	2.70E	2.20E	0.285E	---	---	---	22
23	---	---	---	---	---	8.99 A	2.10E	1.93A	0.255E	---	---	---	23
24	---	---	---	---	---	10.1	1.70E	2.02	0.248E	---	---	---	24
25	---	---	---	---	---	10.9	1.40E	1.85	0.240E	---	---	---	25
26	---	---	---	---	---	12.7	1.90E	1.76	0.235E	---	---	---	26
27	---	---	---	---	---	9.85	2.90E	1.56	0.228E	---	---	---	27
28	---	---	---	---	---	7.15	4.20E	1.42	0.223E	---	---	---	28
29	---		---	---	---	5.42	5.60E	1.24	0.219E	---	---	---	29
30	---		---	---	---	13.0	8.50E	1.16	0.215E	---	---	---	30
31	---		---		---		12.0 E	1.16		---	---	---	31
TOTAL	---	---	---	---	---	104.230	189.38	133.60	16.045	---	---	---	TOTAL
MEAN	---	---	---	---	---	3.47	6.11	4.31	0.535	---	---	---	MEAN
MAX	---	---	---	---	---	13.0	13.4	11.0	1.54	---	---	---	MAX
MIN	---	---	---	---	---	0	1.40	1.16	0.215	---	---	---	MIN

SUMMARY FOR THE MONTHS JUN TO SEP

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.63
MAXIMUM DAILY, 13.4 ON JUL 11
MINIMUM DAILY, 0B ON JUN 1
MAXIMUM INSTANTANEOUS,
18.3 AT 20:07 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 08 55 N
LONG 85 41 19 W
DRAINAGE AREA, 85.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 400
FEB	---	AUG	11 500
MAR	---	SEP	1 390
APR	---	OCT	---
MAY	---	NOV	---
JUN	9 010	DEC	---

TOTAL DISCHARGE, 38 300 dam³

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0 B	635 E	78.6	331E	125	20.5 B	4.50 B	1
2	---	---	---	---	0B	0 B	565 E	76.7	304E	123	19.5 B	4.50 B	2
3	---	---	---	---	0B	0.100B	470 E	73.2A	278E	135	19.0 B	4.50 B	3
4	---	---	---	---	0B	0.300B	390 E	70.0E	250E	127	17.5 B	4.00 B	4
5	---	---	---	---	0B	0.500B	321 A	66.5E	230E	120	17.0 B	4.00 B	5
6	---	---	---	---	0B	1.00 B	285	64.5E	216E	105	16.0 B	3.50 B	6
7	---	---	---	---	0B	1.90 B	266	61.5E	202E	106	15.5 B	3.50 B	7
8	---	---	---	---	0B	2.90 B	245	59.5E	187A	105	14.5 B	3.00 B	8
9	---	---	---	---	0B	3.90 B	231	57.5E	175	73.3	14.0 B	3.00 B	9
10	---	---	---	---	0B	5.75 B	222	56.0E	171	57.0	13.5 B	2.50 B	10
11	---	---	---	---	0B	8.25 B	209	58.5E	170	51.0B	13.0 B	2.50 B	11
12	---	---	---	---	0B	14.0 B	199	58.0E	170	47.5B	12.5 B	2.00 B	12
13	---	---	---	---	0B	23.5 B	190	61.0E	167	44.5B	11.5 B	2.00 B	13
14	---	---	---	---	0B	34.0 B	183	65.5E	161	42.5B	11.0 B	2.00 B	14
15	---	---	---	---	0B	50.0 B	177	73.0E	155	41.0B	10.5 B	1.50 B	15
16	---	---	---	---	0B	74.0 B	168	82.0E	148	39.5B	10.0 B	1.50 B	16
17	---	---	---	---	0B	115 B	158	96.0E	142	37.5B	10.0 B	1.00 B	17
18	---	---	---	---	0B	155 B	149	111 E	135	36.0B	9.50B	1.00 B	18
19	---	---	---	---	0B	225 B	139	121 E	130	35.0B	9.00B	0.750B	19
20	---	---	---	---	0B	315 B	137	140 E	125	34.0B	8.50B	0.500B	20
21	---	---	---	---	0B	440 B	137	165 E	121	33.0B	8.00B	0.250B	21
22	---	---	---	---	0B	590 B	141	195 E	115	31.5B	7.50B	0.100B	22
23	---	---	---	---	0B	725 B	137	230 E	110	30.0B	7.50B	0.050B	23
24	---	---	---	---	0B	800 B	131	265 E	109	29.0B	7.00B	0 B	24
25	---	---	---	---	0B	840 B	124	330 E	110	28.0B	6.50B	0 B	25
26	---	---	---	---	0B	845 E	118	385 E	112	26.5B	6.00B	0 B	26
27	---	---	---	---	0B	835 E	108	380 E	119	25.5B	5.50B	0 B	27
28	---	---	---	---	0B	820 E	98.9	366 E	117	24.5B	5.50B	0 B	28
29	---		---	---	0B	795 E	93.0	355 E	116	24.0B	5.00B	0 B	29
30	---		---	---	0B	720 E	87.7	377 E	124	23.0B	5.00B	0 B	30
31	---		---		0B		82.4	380 E		21.5B		0 B	31
TOTAL	---	---	---	---	0	8 440.100	5 587.0	4 989.0	4 988	1 782.3	336.00	92.150	TOTAL
MEAN	---	---	---	---	0	281	213	161	167	57.5	11.2	1.68	MEAN
MAX	---	---	---	---	0	845	635	385	331	135	20.5	4.50	MAX
MIN	---	---	---	---	0	0	82.4	56.0	109	21.5	5.00	0	MIN

SUMMARY FOR THE MONTHS MAY TO DEC

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 845E ON JUN 26
MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 30 N
LONG 104 08 30 W
DRAINAGE AREA, 18 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	570 000
FEB	---	AUG	421 000
MAR	---	SEP	432 000
APR	---	OCT	154 000
MAY	0	NOV	29 000
JUN	729 000	DEC	4 510

TOTAL DISCHARGE, 2 350 000 dam³

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO 07TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11 5	10 5	9 41E	8 20E	7 61E	8 19	8 71	9 58	15 6	17 3	18 9	19 9	1
2	11 5	10 6	9 39E	8 18E	7 61E	8 17	8 67	9 69	15 5	17 3	19 0	19 9	2
3	11 5	10 6	9 38E	8 15E	7 61E	8 18	8 72	9 82	15 5	17 4	19 1	19 8E	3
4	11 5	10 6	9 35E	8 11E	7 61E	8 24	8 55	9 84	15 2	17 5	19 1	19 8E	4
5	11 5	10 5	9 30E	8 10E	7 62E	8 20	8 62	9 82	15 5	17 5	19 0	19 8E	5
6	11 5	10 4	9 23E	8 05E	7 63E	8 29	8 63	9 90E	15 6	17 5	19 0	19 7E	6
7	11 5	10 4	9 20E	8 02A	7 65E	8 44	8 59	10 0 E	15 7	17 6	19 0	19 6E	7
8	11 4	10 4	9 20E	8 05	7 69E	8 51	8 68	10 2 E	15 8	17 6	18 9	19 6E	8
9	11 3	10 5 E	9 12E	7 99	7 71E	8 53	8 60	10 3 E	15 9	17 8	18 6	19 5E	9
10	11 2	10 5 E	9 05E	7 93A	7 73E	8 49	8 76	10 5 E	16 0	17 8	18 8	19 5E	10
11	11 0	10 4 E	9 00E	7 92E	7 76E	8 55	8 68	10 7 E	16 0	17 6	19 0	19 4E	11
12	10 9	10 3 E	8 98E	7 85E	7 78E	8 62	8 69	10 9 E	16 1	18 0	19 1	19 4E	12
13	10 9	10 2 E	8 92E	7 81E	7 79E	8 60	8 77	11 1 E	16 1	18 1	19 3	19 3E	13
14	10 8	10 1 E	8 89E	7 80E	7 78E	8 48	8 63	11 3 E	16 2	18 1	19 3	19 3E	14
15	10 7	10 1 E	8 81E	7 80E	7 80E	8 51	9 08	11 5 E	16 4	18 0	19 4	19 2E	15
16	10 6	10 0 E	8 75E	7 80E	7 83E	8 59	9 31	11 7 E	16 5	18 0	19 5	19 2E	16
17	10 6	10 0 E	8 72E	7 78E	7 86E	8 72	9 29	12 0 E	16 5	18 0	19 5	19 1E	17
18	11 0	9 98E	8 65E	7 77E	7 91A	8 75	9 35	12 3 E	16 4	18 1	19 6	19 1E	18
19	11 0	9 90E	8 61E	7 75E	7 94	8 74	9 43	12 5 E	16 4	18 3	19 7	19 0E	19
20	11 0	9 82E	8 59E	7 72E	8 00	8 67	9 37	12 8 E	16 6	18 3	19 7	19 0E	20
21	11 0	9 80E	8 55E	7 72E	8 04	8 67	9 34	13 1 E	16 5	18 3	19 6	18 9E	21
22	11 0	9 75E	8 50E	7 71E	7 92	8 70	9 36	13 4 E	16 3	18 4	19 7	18 8E	22
23	10 9	9 71E	8 41E	7 69E	7 84	8 63	9 31	13 7 E	16 6	18 5	19 8	18 8E	23
24	10 8	9 68E	8 39E	7 65E	7 82	8 65	9 18	14 1 E	16 7	18 9	19 8	18 8E	24
25	10 9	9 60E	8 32E	7 63E	7 90	8 79	9 20	14 4 E	17 0	19 0	19 8	18 7E	25
26	10 8	9 58E	8 30E	7 62E	7 90	8 76	9 19	14 6 E	17 1	19 2	19 8	18 7E	26
27	10 7	9 55E	8 28E	7 62E	7 84	8 81	9 18	14 8 E	17 3	19 1	20 0	18 7E	27
28	10 6	9 50E	8 23E	7 62E	7 83	8 81	9 27	15 1 E	17 3	19 0	20 0	18 6E	28
29	10 6		8 22E	7 62E	7 89	8 81	9 34	15 4 E	17 2	19 0	19 9	18 6E	29
30	10 5		8 22A	7 62E	7 89	8 76	9 36	15 4	17 2	19 2	20 0	18 5E	30
31	10 5		8 20E		8 09		9 54	15 9		19 0		18 5E	31
TOTAL	341 3	282 97	272 17	236 33	241 89	257 27	280 01	376 35	488 7	563 4	582 1	594 5	TOTAL
MEAN	11 0	10 1	8 78	7 84	7 81	8 58	9 03	12 1	16 3	18 2	19 4	19 2	MEAN
MAX	11 5	10 6	9 41	8 20	8 09	8 85	9 54	15 9	17 3	19 2	20 0	19 9	MAX
MIN	10 5	9 50	8 20	7 62	7 61	8 17	8 55	9 58	15 2	17 3	18 8	18 5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12 4
MAXIMUM DAILY, 20 0 ON NOV 27
MINIMUM DAILY, 7 61E ON MAY 1
MAXIMUM INSTANTANEOUS,
20.7 AT 16:45 MST ON NOV 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 35 N
LONG 115 07 10 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 500	JUL	24 200
FEB	24 400	AUG	32 500
MAR	23 500	SEP	42 200
APR	20 300	OCT	48 700
MAY	20 900	NOV	50 300
JUN	22 200	DEC	51 400

TOTAL DISCHARGE, 330 000 dam³

ENNADAI LAKE AT ENNADAI - STATION NO. 06LA002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.043	312.052	312.063	312.023	311.939	311.945	312.803	312.636	312.518	312.481	312.440	312.350A	1
2	312.041	312.053	312.062	312.021	311.933	311.971	312.797	312.631	312.490	312.459	312.458	312.347E	2
3	312.037	312.053	312.061	312.019	311.927	312.008	312.792	312.633	312.486	312.477	312.456	312.345E	3
4	312.035	312.053	312.063	312.018	311.924	312.051	312.792	312.666	312.463	312.476	312.443	312.342E	4
5	312.034	312.053A	312.066	312.018	311.921	312.083	312.788	312.662	312.478	312.476	312.445	312.339E	5
6	312.031	312.054E	312.066	312.017	311.918	312.130	312.773	312.643	312.482	312.486	312.442	312.337E	6
7	312.031	312.056E	312.067	312.001	311.914	312.164	312.768	312.633	312.476	312.488	312.430	312.334E	7
8	312.028	312.057E	312.067	311.988	311.910	312.217	312.771	312.628	312.470	312.476	312.430	312.331E	8
9	312.027	312.058E	312.066	311.985	311.910	312.256	312.778	312.625	312.480	312.476	312.431	312.329E	9
10	312.026	312.060E	312.067	311.986	311.909	312.287	312.768	312.621	312.463	312.467	312.431	312.326E	10
11	312.029	312.061E	312.067	311.986	311.907	312.334	312.754	312.603	312.468	312.467	312.424	312.323E	11
12	312.029	312.062E	312.064	311.987	311.904	312.367	312.735	312.606	312.463	312.467	312.416	312.321E	12
13	312.029	312.064E	312.067	311.986	311.892	312.412	312.723	312.677	312.468	312.467	312.410	312.318E	13
14	312.029	312.065E	312.067	311.982	311.889	312.465	312.707	312.600	312.480	312.462	312.396	312.315E	14
15	312.028	312.068E	312.067	311.980	311.891	312.511	312.697	312.583	312.478	312.464	312.398	312.312E	15
16	312.029	312.068E	312.067	311.980	311.895	312.554	312.711	312.585	312.468	312.423	312.409	312.310E	16
17	312.029	312.069E	312.066	311.980	311.889	312.584	312.721	312.573	312.441	312.444	312.400	312.307E	17
18	312.028	312.070E	312.066	311.979	311.882	312.605	312.728	312.548	312.381	312.446	312.395	312.305E	18
19	312.030	312.072E	312.062	311.978	311.881	312.632	312.732	312.534	312.408	312.467	312.391	312.302E	19
20	312.031	312.073E	312.047	311.980	311.883	312.663	312.732	312.543	312.421	312.469	312.389	312.298E	20
21	312.031	312.074E	312.044	311.981	311.884	312.707	312.729	312.523	312.434	312.466	312.392	312.297E	21
22	312.030	312.076E	312.042	311.979	311.907	312.726	312.725	312.527	312.478	312.470	312.385	312.294E	22
23	312.034	312.077E	312.038	311.973	311.898	312.740	312.724	312.528	312.478	312.481	312.374	312.291E	23
24	312.036	312.078A	312.036	311.970	311.894	312.754	312.726	312.529	312.476	312.467	312.370	312.288E	24
25	312.037	312.073	312.036	311.970	311.884	312.771	312.720	312.540	312.468	312.457	312.374	312.286E	25
26	312.036	312.068	312.036	311.966	311.881	312.782	312.707	312.533	312.463	312.438	312.378	312.283E	26
27	312.038	312.062	312.038	311.959	311.884	312.782	312.680	312.530	312.471	312.438	312.370	312.281E	27
28	312.038	312.062	312.036	311.952	311.890	312.788	312.660	312.530	312.487	312.447	312.362	312.278E	28
29	312.038		312.034	311.945	311.895	312.801	312.677	312.521	312.505	312.464	312.363	312.275E	29
30	312.040		312.031	311.941	311.903	312.801	312.663	312.515	312.500	312.450	312.366	312.272E	30
31	312.048		312.027		311.916		312.654	312.522		312.443		312.270E	31
MEAN	312.033	312.064	312.052	311.985	311.902	312.485	312.734	312.581	312.468	312.465	312.405	312.310	MEAN
MAX	312.048	312.078	312.067	312.023	311.939	312.801	312.803	312.677	312.518	312.481	312.456	312.350	MAX
MIN	312.027	312.052	312.027	311.941	311.881	311.945	312.660	312.515	312.381	312.423	312.362	312.270	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 312.180
MAXIMUM DAILY, 312.803 ON JUL 1
MINIMUM DAILY, 311.881 ON MAY 19
MAXIMUM INSTANTANEOUS,
312.812 AT 16:15 CST ON JUL 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1 008	1 008	1 508	447	214	119	99.3	37.0B	12.3 B	1
2	---	---	---	1 008	1 008	1 608	436	210	121	98.9	35.0B	12.0 B	2
3	---	---	---	1 008	1 008	1 758	425	205	120	99.5	33.0B	11.7 B	3
4	---	---	---	1 008	1 008	1 958	418	198	121	97.1	31.0B	11.5 B	4
5	---	---	---	1 008	1 008	2 058	409	198	121	97.0	29.0B	11.3 B	5
6	---	---	---	1 008	1 008	2 208	400	192	119	98.0	27.0B	11.1 B	6
7	---	---	---	1 008	1 008	2 408	391	186	117	93.7	26.0B	10.9 B	7
8	---	---	---	1 008	1 008	2 608	379	185	116	96.8	25.0B	10.7 B	8
9	---	---	---	1 008	1 008	3 008	368	181	115	92.8	24.0B	10.5 B	9
10	---	---	---	1 008	1 008	4 008	355	178	114	97.0	23.0B	10.4 B	10
11	---	---	---	1 008	1 008	7 008	356	172	113	85.0	22.2B	10.2 B	11
12	---	---	---	1 008	1 008	11 0 B	341	167	111	82.1	21.4B	10.0 B	12
13	---	---	---	1 008	1 008	15 0 B	330	167	110	96.5	20.6B	9.98B	13
14	---	---	---	1 008	1 008	34 0 B	325	166	109	103	19.8B	9.78B	14
15	---	---	---	1 008	1 008	50 0 B	320	162	107	95.8	19.0B	9.60B	15
16	---	---	---	1 008	1 008	80 0 B	306	157	103	95.2	18.4B	9.40B	16
17	---	---	---	1 008	1 008	130 B	293	154	96.5	95.3	17.9B	9.30B	17
18	---	---	---	1 008	1 028	240 B	282	151	93.7	96.4	17.4B	9.20B	18
19	---	---	---	1 008	1 058	380 B	268	148	94.3	95.6	16.9B	9.00B	19
20	---	---	---	1 008	1 108	647	263	147	97.7	85.3	16.4B	8.90B	20
21	---	---	---	1 008	1 128	616	275	143	97.1	79.9	15.8B	8.80B	21
22	---	---	---	1 008	1 168	545	268	141	101	77.3	15.4B	8.70B	22
23	---	---	---	1 008	1 188	510	260	139	99.6	73.7	15.0B	8.60B	23
24	---	---	---	1 008	1 188	485	254	136	84.2	68.9	14.8B	8.50B	24
25	---	---	---	1 008	1 208	465	248	132	84.7	81.0	14.2B	8.40B	25
26	---	---	---	1 008	1 228	450	242	129	95.2	54.1	13.6B	8.30B	26
27	---	---	---	1 008	1 278	428	235	129	93.7	51.0B	13.5B	8.20B	27
28	---	---	---	1 008	1 308	461	228	126	92.6	48.0B	13.2B	8.10B	28
29	---		---	1 008	1 358	435	224	125	106	45.0B	12.9B	8.05B	29
30	---		---	1 008	1 408	449	220	124	102	42.0B	12.6B	8.00B	30
31	---		---		1 458		217	122		39.0B		7.95B	31
TOTAL	---	---	---	30.00	33.96	5 455.05	9 843	4 984	3 187.9	2 542.1	621.1	299.20	TOTAL
MEAN	---	---	---	1.00	1.10	216	318	161	107	82.0	20.7	9.65	MEAN
MAX	---	---	---	1.00	1.45	647	447	214	121	103	37.0	12.3	MAX
MIN	---	---	---	1.00	1.00	1.50	217	122	92.6	39.0	12.6	7.95	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 647 ON JUN 20
MINIMUM DAILY, 1.00B ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 25 N
LONG 95 03 15 W
DRAINAGE AREA, 13 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	850 000
FEB	---	AUG	431 000
MAR	---	SEP	276 000
APR	2 590	OCT	220 000
MAY	2 930	NOV	53 700
JUN	559 000	DEC	25 900

TOTAL DISCHARGE, 2 340 000 dam³

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.330B	0.290B	0.270B	0.245B	0.315B	14.7	9.93	8.41	4.30	1.88 B	0.627B	0.430B	1
2	0.330B	0.290B	0.270B	0.245B	0.332B	15.6	9.54	10.9	4.13	1.87 B	0.650B	0.420B	2
3	0.330B	0.290B	0.265B	0.245B	0.350B	9.87	9.23	10.6	4.10	1.79 B	0.670B	0.410B	3
4	0.325B	0.290B	0.265B	0.245B	0.370B	8.65	8.76	9.67	3.89	1.70 B	0.660B	0.400B	4
5	0.325B	0.285B	0.265B	0.245B	0.400B	8.87	8.93	9.04	3.91	1.64 B	0.620B	0.395B	5
6	0.325B	0.285B	0.265B	0.245B	0.444B	8.32	8.14	7.99	4.00	1.52 B	0.592B	0.390B	6
7	0.325B	0.285B	0.265B	0.245B	0.507	8.06	7.92	7.17	4.16	1.53 B	0.615B	0.380B	7
8	0.320B	0.285B	0.265B	0.240B	0.640	8.01	8.43	6.67	4.02	1.52 B	0.630B	0.377B	8
9	0.320B	0.285B	0.260B	0.240B	0.776	8.80	8.36	6.35	3.84	1.39 B	0.650B	0.368B	9
10	0.320B	0.285B	0.260B	0.240B	0.889	8.90	8.41	6.26	3.72	1.36 B	0.670B	0.365B	10
11	0.315B	0.285B	0.260B	0.240B	0.945	8.29	8.77	6.40	3.87	1.42 B	0.660B	0.360B	11
12	0.315B	0.280B	0.260B	0.240B	0.876	7.70	7.78	7.63	3.45	1.38 B	0.630B	0.360B	12
13	0.315B	0.280B	0.260B	0.240B	0.735	7.13	8.87	8.33	3.36	1.24 B	0.620B	0.351B	13
14	0.310B	0.280B	0.260B	0.240B	0.798	7.46	8.53	8.08	3.14	1.26 B	0.610B	0.355B	14
15	0.310B	0.280B	0.260B	0.240B	0.867	8.78	8.25	7.85	2.89	1.19 B	0.578B	0.355B	15
16	0.310B	0.280B	0.260B	0.236B	1.11	10.2	8.37	7.23	2.71	1.09 B	0.590B	0.350B	16
17	0.305B	0.280B	0.255B	0.236B	1.19	9.68	8.20	6.92	2.58	1.07 B	0.600B	0.350B	17
18	0.305B	0.280B	0.255B	0.235B	1.35	9.15	7.53	7.03	2.42	1.15 B	0.580B	0.350B	18
19	0.305B	0.280B	0.255B	0.235B	1.31	10.2	7.26	6.98	2.31	1.12 B	0.571B	0.350B	19
20	0.300B	0.280B	0.255B	0.235B	1.33	10.5	7.24	6.52	2.25	1.10 B	0.482B	0.350B	20
21	0.300B	0.280B	0.255B	0.240B	1.25	10.9	7.16	6.00	2.21	1.06 B	0.485B	0.350B	21
22	0.300B	0.276B	0.255B	0.243B	1.15	11.7	6.14	5.88	2.16	1.04 B	0.451B	0.350B	22
23	0.300B	0.275B	0.250B	0.246B	1.14	12.0	6.85	5.66	2.17	1.00 B	0.474B	0.350B	23
24	0.300B	0.276B	0.250B	0.253B	1.14	12.1	6.32	5.62	2.17	0.937B	0.480B	0.345B	24
25	0.300B	0.270B	0.250B	0.260B	1.14	12.5	6.53	5.68	2.13	0.927B	0.500B	0.345B	25
26	0.295B	0.270B	0.250B	0.265B	1.18	13.3	7.89	5.34	2.00	0.882B	0.490B	0.345B	26
27	0.295B	0.270B	0.250B	0.273B	1.21	13.7	7.85	5.25	1.85	0.852B	0.470B	0.340B	27
28	0.295B	0.270B	0.250B	0.282B	1.38	11.3	6.84	5.03	1.79B	0.781B	0.460B	0.340B	28
29	0.295B		0.250B	0.290B	2.83	10.6	6.15	4.74	1.72B	0.800B	0.450B	0.340B	29
30	0.290B		0.250B	0.302B	8.05	10.2	7.53	4.83	1.81B	0.780B	0.440B	0.340B	30
31	0.290B		0.245B		12.5		6.94	4.48		0.740B		0.340B	31
TOTAL	9.600	7.661	7.985	7.489	48.620	288.48	248.44	213.23	88.89	38.259	16.975	11.251	TOTAL
MEAN	0.310	0.281	0.256	0.249	1.50	9.55	8.01	6.88	2.95	1.23	0.566	0.363	MEAN
MAX	0.330	0.290	0.270	0.302	12.5	15.7	9.93	10.9	4.30	1.88	0.670	0.430	MAX
MIN	0.290	0.270	0.245	0.235	0.315	4.80	6.36	4.48	1.72	0.740	0.440	0.340	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.68
MAXIMUM DAILY, 15.7 ON JUN 1
MINIMUM DAILY, 0.235B ON APR 17
MAXIMUM INSTANTANEOUS,
19.3 AT 07:11 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 57 40 N
LONG 126 13 00 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	828	JUL	21 500
FEB	578	AUG	18 400
MAR	688	SEP	7 680
APR	965	OCT	3 310
MAY	4 030	NOV	1 470
JUN	24 800	DEC	972

TOTAL DISCHARGE, 85 000 dam³

NORTHWEST TERRITORIES

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0B	15.5B	13.0B	12.9B	20.0B	280E	185	193	93.6	61.1	23.0B	20.9B	1
2	20.5B	15.0B	13.0B	12.9B	22.0B	280E	162	267	89.6	60.5	22.5B	20.6B	2
3	20.5B	15.0B	13.0A	12.9B	25.0B	290E	161	276	86.1	59.1	21.5B	20.4B	3
4	20.5B	14.5B	13.0B	12.9B	30.0B	325E	151	256	85.8	58.4	21.0B	20.1B	4
5	20.0B	14.5B	13.0B	12.9B	36.0B	265E	142	224	90.9	56.2	20.0B	20.0B	5
6	20.0B	14.5B	13.0B	12.9B	48.0B	190E	158	197	98.5	54.1	19.8B	19.8B	6
7	20.0B	14.5B	12.9B	12.9B	80.0B	185E	184	178	105	52.7	19.3B	19.6B	7
8	20.0B	14.5B	12.9B	12.9B	80.0B	180E	122	158	104	53.4	18.8B	19.4B	8
9	20.0B	14.5B	12.9B	12.9B	100 B	173E	112	140	96.4	53.3	18.5B	19.0B	9
10	19.8B	14.0B	12.9B	12.9B	130 B	170E	104	136	93.2	47.6	18.0B	18.8B	10
11	19.5B	14.0B	12.9B	12.9B	170 E	155E	100	129	87.7	41.2	18.0B	18.5B	11
12	19.5B	14.0B	12.9B	12.9B	180 E	227A	96.5	127	84.4	40.5	18.0B	18.5B	12
13	19.0B	14.0B	12.9B	12.9B	151 A	227	95.3	129	81.3	52.4	18.0B	18.3B	13
14	19.0B	14.0B	12.9B	12.9B	131 A	223	95.1	137	78.3	48.9	18.0B	18.0B	14
15	18.5B	13.5B	12.9B	12.9B	128 A	228	94.3	136	77.9	46.0	18.5B	17.8B	15
16	18.5B	13.5B	12.9B	13.0B	133 E	244	93.0	126	76.6	44.7	18.8B	17.6B	16
17	18.5B	13.5B	12.8B	13.0B	144 E	249	87.6	127	74.6	38.4	19.0B	17.5B	17
18	18.0B	13.5B	13.0B	13.0B	155 E	230E	84.4	137	73.6	34.8B	18.5B	17.3B	18
19	18.0B	13.5B	13.0B	13.0B	166 E	235E	86.6	137	71.0	32.5B	20.0B	17.1B	19
20	17.5B	13.5B	12.9B	13.0B	180 E	250E	105	144	68.6	30.0B	20.2B	16.9B	20
21	17.5B	13.5B	12.9B	13.0B	195 E	238E	110	143	67.2	28.5B	20.6B	16.8B	21
22	17.0B	13.5B	12.9B	13.3B	180 E	230E	133	123	65.6	28.0B	21.3B	16.8B	22
23	17.0B	13.5B	12.9B	13.5B	160 E	240E	162	124	64.4	26.5B	21.6B	16.6B	23
24	16.5B	13.0B	12.9B	14.0B	150 E	235E	206	119	64.0	26.0B	22.4B	16.2B	24
25	16.5B	13.0B	12.5B	14.5B	167 E	225E	185	116	64.0	27.5B	23.4B	16.0B	25
26	16.5B	13.0B	12.5B	15.0B	184 E	235E	180	115	64.3	27.0B	22.0B	15.8B	26
27	16.0B	13.0B	12.9B	16.0B	203 E	220E	172	108	62.4	26.5B	21.8B	15.8B	27
28	16.0B	13.0B	12.9B	16.8B	225 E	200E	175	107	57.5	26.0B	21.5B	15.5B	28
29	16.0B		12.9B	17.8B	245 E	185E	220	104	60.9	25.0B	21.3B	15.3B	29
30	15.5B		12.9B	19.0B	270 E	164A	208	101	52.8	24.5B	21.0B	15.1B	30
31	15.5B		12.9B		300 E		179	97.2		24.0B		15.0B	31
TOTAL	558.3	389.0	400.5	411.4	4 280.0	5 588	4 352.0	4 647.2	2 333.7	1 273.2	606.6	550.5	TOTAL
MEAN	18.3	13.9	12.9	13.7	140	220	140	150	77.8	41.1	20.2	17.8	MEAN
MAX	21.0	15.5	13.0	19.0	300	280	220	276	105	61.1	23.0	20.9	MAX
MIN	15.5	13.0	12.5	12.9	20.0	164	84.4	97.2	60.9	24.0	18.0	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 72.5
MAXIMUM DAILY, 300E ON MAY 31
MINIMUM DAILY, 12.9B ON MAR 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 00 N
LONG 125 24 30 W
DRAINAGE AREA, 8 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 100	JUL	378 000
FEB	33 600	AUG	402 000
MAR	34 600	SEP	202 000
APR	35 500	OCT	110 000
MAY	378 000	NOV	52 400
JUN	509 000	DEC	47 800

TOTAL DISCHARGE, 2 290 000 dam³

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	33.2	9.20	3.80	0.26	0.220B	0B	1
2	0B	0B	0B	0B	0B	0.010B	32.2	8.63	3.10	0.43	0.180B	0B	2
3	0B	0B	0B	0B	0B	0.020B	30.7	8.15	3.88	0.15	0.170B	0B	3
4	0B	0B	0B	0B	0B	0.040B	29.1	8.18	3.17	0.01	0.150B	0B	4
5	0B	0B	0B	0B	0B	0.050B	27.6	8.22	3.17	0.03	0.140B	0B	5
6	0B	0B	0B	0B	0B	0.080B	26.7	7.58	3.01	2.93	0.130B	0B	6
7	0B	0B	0B	0B	0B	0.110B	25.3	7.24	2.72	2.86	0.120B	0B	7
8	0B	0B	0B	0B	0B	0.130B	24.1	6.75	2.70	2.82	0.120B	0B	8
9	0B	0B	0B	0B	0B	0.260B	23.5	6.82	2.71	2.76	0.110B	0B	9
10	0B	0B	0B	0B	0B	0.490B	22.8	6.53	2.74	2.77 B	0.100B	0B	10
11	0B	0B	0B	0B	0B	0.700B	21.6	6.52	2.73	2.65 B	0.090B	0B	11
12	0B	0B	0B	0B	0B	1.45 B	21.0	6.41	2.64	2.60 B	0.080B	0B	12
13	0B	0B	0B	0B	0B	2.60 B	20.1	6.83	2.34	2.47 B	0.070B	0B	13
14	0B	0B	0B	0B	0B	3.75 B	19.1	6.03	2.30	2.25 B	0.060B	0B	14
15	0B	0B	0B	0B	0B	5.40 B	18.3	5.34	2.24	1.85 B	0.050B	0B	15
16	0B	0B	0B	0B	0B	8.00 B	17.5	5.15	2.22	1.70 B	0.050B	0B	16
17	0B	0B	0B	0B	0B	12.0 B	16.7	5.04	2.81	1.50 B	0.040B	0B	17
18	0B	0B	0B	0B	0B	18.4 B	16.2	4.85	3.26	1.30 B	0.030B	0B	18
19	0B	0B	0B	0B	0B	25.0 B	15.7	4.71	2.40	1.10 B	0.020B	0B	19
20	0B	0B	0B	0B	0B	30.4 B	14.8	4.82	2.20	0.900B	0.020B	0B	20
21	0B	0B	0B	0B	0B	33.7 B	14.2	4.84	2.13	0.720	0.020B	0B	21
22	0B	0B	0B	0B	0B	35.1 B	13.8	4.44	2.09	0.700B	0.020B	0B	22
23	0B	0B	0B	0B	0B	36.8	13.1	4.17	2.13	0.480B	0.010B	0B	23
24	0B	0B	0B	0B	0B	37.0	12.5	4.03	2.15	0.340	0.010B	0B	24
25	0B	0B	0B	0B	0B	36.8	12.0	3.82	2.12	0.300	0.010B	0B	25
26	0B	0B	0B	0B	0B	36.7	11.7	3.88	2.05	0.303	0.010B	0B	26
27	0B	0B	0B	0B	0B	36.5	11.4	3.83	2.02	0.300B	0 B	0B	27
28	0B	0B	0B	0B	0B	35.9	10.9	3.39	2.16	0.270B	0 B	0B	28
29	0B		0B	0B	0B	35.4	10.3	3.44	2.07	0.280B	0 B	0B	29
30	0B		0B	0B	0B	34.2	9.81	3.14	2.87	0.256B	0 B	0B	30
31	0B		0B		0B		9.51	3.16		0.240B		0B	31
TOTAL	0	0	0	0	0	488.850	585.52	173.88	75.65	54.747	2.030	0	TOTAL
MEAN	0	0	0	0	0	16.6	18.9	5.61	2.55	1.77	0.068	0	MEAN
MAX	0	0	0	0	0	37.0	33.2	9.20	3.80	3.26	0.220	0	MAX
MIN	0	0	0	0	0	0	9.51	3.14	2.02	0.240	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.38
MAXIMUM DAILY, 37.0 ON JUN 24
MINIMUM DAILY, 0B ON MAY 1
MAXIMUM INSTANTANEOUS,
37.7 AT 23:26 MST ON JUN 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 07 45 N
LONG 104 59 30 W
DRAINAGE AREA, 1 490 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	58 000
FEB	0	AUG	15 000
MAR	0	SEP	6 810
APR	0	OCT	4 730
MAY	0	NOV	175
JUN	40 300	DEC	0

TOTAL DISCHARGE, 117 000 dam³

GORDON RIVER NEAR THE MOUTH - STATION NO 10QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0.0108	36.5E	10.4	24.6	16.2	1.45 B	0.1408	1
2	---	---	---	---	0B	0.0208	32.5E	10.2	25.2	14.4	1.30 B	0.1308	2
3	---	---	---	---	0B	0.0408	30.5E	9.74	25.1	14.2	1.15 B	0.1108	3
4	---	---	---	---	0B	0.0558	26.5E	8.02	24.4	13.4	1.00 B	0.1008	4
5	---	---	---	---	0B	0.0708	27.5E	8.48	23.7	12.7	0.8508	0.0808	5
6	---	---	---	---	0B	0.0958	25.5A	8.35	22.8	13.0	0.7508	0.0808	6
7	---	---	---	---	0B	0.1258	26.0	7.77	22.0	13.4	0.7008	0.0608	7
8	---	---	---	---	0B	0.1858	25.2	7.55	20.8	11.9	0.6508	0.0508	8
9	---	---	---	---	0B	0.5858	24.2	7.36	20.2	11.4	0.6508	0.0408	9
10	---	---	---	---	0B	0.8008	23.9	6.95	19.3	10.7	0.5508	0.0208	10
11	---	---	---	---	0B	1.40 B	23.4	6.67	18.5	10.0	0.5008	0.0108	11
12	---	---	---	---	0B	2.50 B	22.4	6.75	17.8	9.39	0.4508	0.0108	12
13	---	---	---	---	0B	4.00 B	22.4	7.02	17.1	8.34	0.4508	0.0108	13
14	---	---	---	---	0B	6.00 B	72.1	9.88	16.4	7.92	0.4008	0 B	14
15	---	---	---	---	0B	8.00 B	21.8	17.5	16.9	7.44	0.4008	0 B	15
16	---	---	---	---	0B	13.5 B	21.4	26.6	16.3	7.06	0.4008	0 B	16
17	---	---	---	---	0B	21.5 B	21.4	30.5	13.8	6.52	0.3508	0 B	17
18	---	---	---	---	0B	32.0 B	20.4	31.1	13.6	6.23	0.3508	0 B	18
19	---	---	---	---	0B	47.0 B	19.8	30.5	13.0	5.95	0.3008	0 B	19
20	---	---	---	---	0B	70.0 E	19.2	29.3	13.6	4.85	0.2008	0 B	20
21	---	---	---	---	0B	78.0 E	18.4	27.8	13.2	3.95	0.2008	0 B	21
22	---	---	---	---	0B	81.0 E	17.7	26.3	12.5	3.458	0.2508	0 B	22
23	---	---	---	---	0B	81.0 E	18.5	24.8	12.1	3.058	0.2508	0 B	23
24	---	---	---	---	0B	78.5 E	16.3	23.5	11.8	2.758	0.2508	0 B	24
25	---	---	---	---	0B	73.0 E	15.6	22.4	11.8	2.658	0.2008	0 B	25
26	---	---	---	---	0B	66.0 E	14.7	21.9	12.0	2.358	0.1908	0 B	26
27	---	---	---	---	0B	56.0 E	13.6	21.7	12.3	2.408	0.1408	0 B	27
28	---	---	---	---	0B	51.0 E	13.3	22.0	13.1	2.308	0.1708	0 B	28
29	---		---	---	0B	45.5 E	12.6	22.1	13.5	2.058	0.1408	0 B	29
30	---		---	---	0B	40.0 E	12.1	23.0	14.1	1.808	0.1508	0 B	30
31	---		---		0B		11.3	23.9		1.658		0 B	31
TOTAL	---	---	---	---	0	660.905	656.4	540.30	510.3	229.80	15.050	0.850	TOTAL
MEAN	---	---	---	---	0	36.7	21.2	17.4	17.0	7.41	0.502	0.027	MEAN
MAX	---	---	---	---	0	81.0	36.5	31.1	25.2	14.4	1.45	0.140	MAX
MIN	---	---	---	---	0	0.010	11.3	6.67	11.8	1.65	0.150	0	MIN

SUMMARY FOR THE MONTHS MAY TO DEC

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 81.0E ON JUN 22
MINIMUM DAILY, 0B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 46 20 N
LONG 107 07 00 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	56 900
FEB	---	AUG	46 700
MAR	---	SEP	44 100
APR	---	OCT	19 800
MAY	0	NOV	1 300
JUN	74 400	DEC	73.4

TOTAL DISCHARGE, 243 000 dam³

GREAT BEAR LAKE AT PORT RADIUM - STATION NO. 10JA001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.593E	2.788	2.832	2.821	---	---	2.718	1
2	---	---	---	---	---	3.800E	2.781	2.832	2.818	---	---	2.746	2
3	---	---	---	---	---	2.808E	2.773	2.837	2.807	---	---	2.734	3
4	---	---	---	---	---	2.618E	2.778	2.853	2.851	---	---	2.734	4
5	---	---	---	---	---	3.824E	2.784	2.834	2.851	---	---	2.742	5
6	---	---	---	---	---	3.831	2.788	2.837	2.858	---	---	2.758	6
7	---	---	---	---	---	3.881	---	2.833	2.841	---	---	2.782	7
8	---	---	---	---	---	3.847	2.788	2.827	2.838	---	---	2.734	8
9	---	---	---	---	---	2.836	2.815	2.826	2.834	---	---	2.726	9
10	---	---	---	---	---	2.884	2.830	2.828	2.836	---	---	2.737	10
11	---	---	---	---	---	2.868	2.825	2.847	2.837	---	---	2.740	11
12	---	---	---	---	---	2.884	2.820	2.884	2.826	---	---	2.743	12
13	---	---	---	---	---	2.866	2.825	2.861	2.806	---	---	2.746	13
14	---	---	---	---	---	2.865	2.823	2.886	2.823	---	---	2.733	14
15	---	---	---	---	---	2.862	2.829	2.864	2.857	---	---	2.786	15
16	---	---	---	---	---	2.701	2.834	2.867	2.864	---	---	2.748	16
17	---	---	---	---	---	2.711	2.826	2.853	2.840	---	---	2.723	17
18	---	---	---	---	---	2.727	2.830	2.842	2.841	---	2.721	2.733	18
19	---	---	---	---	---	2.739	2.823	2.834	2.823	---	2.715	2.737	19
20	---	---	---	---	---	2.739	2.803	2.834	2.782	---	2.732	2.740	20
21	---	---	---	---	---	2.737	2.821	2.828	2.788	---	2.730	2.739	21
22	---	---	---	---	---	2.743	2.831	2.831	2.822	---	2.720	2.734	22
23	---	---	---	---	---	2.776	2.839	2.826	2.867	---	2.748	2.724	23
24	---	---	---	---	---	2.782	2.829	2.836	2.837	---	2.766	2.740	24
25	---	---	---	---	---	2.782	2.822	2.866	---	---	2.727	2.748	25
26	---	---	---	---	---	2.782	2.836	2.834	---	---	2.729	2.757	25
27	---	---	---	---	---	2.776	2.836	2.839	---	---	2.741	2.741	27
28	---	---	---	---	---	2.786	2.822	2.839	---	---	2.734	2.736	28
29	---		---	---	---	2.769	2.836	2.817	---	---	2.726	2.734	29
30	---		---	---	---	2.776	2.831	2.824	---	---	2.741	2.711	30
31	---		---		---		2.838	2.850		---		2.740	31
MEAN	---	---	---	---	---	2.806	---	2.838	---	---	---	2.736	MEAN
MAX	---	---	---	---	---	2.788	---	2.864	---	---	---	2.786	MAX
MIN	---	---	---	---	---	2.883	---	2.817	---	---	---	2.711	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.887 ON SEP 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 00 N
LONG 116 02 00 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO 10JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	479E	518	539E	547E	---	---	---	1
2	---	---	---	---	---	481E	519	539E	545E	---	---	---	2
3	---	---	---	---	---	483E	526	539E	540E	---	---	---	3
4	---	---	---	---	---	484E	527	539E	540E	---	---	---	4
5	---	---	---	---	---	485E	524	539E	545E	---	---	---	5
6	---	---	---	---	---	487	522	535E	544E	---	---	---	6
7	---	---	---	---	---	488	529	539E	543E	---	---	---	7
8	---	---	---	---	---	495	523	537E	540E	---	---	---	8
9	---	---	482	---	---	497	527	533E	547E	---	---	---	9
10	---	---	480	---	---	496	526	539E	547	---	---	---	10
11	---	---	480	---	---	500	529	533E	545	---	---	---	11
12	---	---	488	---	---	498	531	536E	547	---	---	---	12
13	---	---	488	---	---	501	529	536E	549	---	---	---	13
14	---	---	490	---	---	500	530	542E	548	---	---	---	14
15	---	---	493	---	---	506	532	544E	537	---	---	---	15
16	---	---	486	---	---	507	529	541E	538	---	---	---	16
17	---	---	486	---	---	510	537	540E	545	---	---	---	17
18	---	---	487	---	---	512	533	540E	545	---	---	---	18
19	---	---	---	---	---	518	535	544E	545	---	---	---	19
20	---	---	---	---	---	520	538	543E	541	---	---	---	20
21	---	---	---	---	---	520	537	544E	546	---	---	---	21
22	---	---	---	---	---	516	534	540E	542	---	---	---	22
23	---	---	---	---	---	516	535	540E	522	---	---	---	23
24	---	---	---	---	---	522	535	543E	542	---	---	---	24
25	---	---	---	---	---	530	538E	539E	533	---	---	---	25
26	---	---	---	---	---	533	535E	550E	533	---	---	---	26
27	---	---	---	---	---	533	534E	540E	540	---	---	---	27
28	---	---	---	---	---	530	538E	542E	536	---	---	---	28
29	---		---	---	---	536	538E	547E	535	---	---	---	29
30	---		---	---	---	531	538E	547E	544	---	---	---	30
31	---		---		---		537E	543E		---		---	31
TOTAL	---	---	---	---	---	15 206	15 681	15 736	15 252	---	---	---	TOTAL
MEAN	---	---	---	---	---	507	531	540	542	---	---	---	MEAN
MAX	---	---	---	---	---	533	538	550	549	---	---	---	MAX
MIN	---	---	---	---	---	479	518	533	522	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 550E ON AUG 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 10 N
LONG 123 30 30 W
DRAINAGE AREA, 146 000 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 630 000
FEB	---	AUG	1 450 000
MAR	---	SEP	1 400 000
APR	---	OCT	---
MAY	---	NOV	---
JUN	1 310 000	DEC	---

GREAT SLAVE LAKE AT FORT RELIANCE - STATION NO 07SC003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	2.100	2.109	2.092	1.070	1.905	1
2	---	---	---	---	---	---	---	2.100	2.106	2.084	1.074	1.946	2
3	---	---	---	---	---	---	---	2.128	2.144	2.040	1.097	1.948	3
4	---	---	---	---	---	---	---	2.181	2.150	2.100	2.010	1.947	4
5	---	---	---	---	---	---	---	2.190	2.163	2.091	2.010	1.950	5
6	---	---	---	---	---	---	---	2.187	2.172	2.090	1.984	1.887	6
7	---	---	---	---	---	---	---	2.206	2.174	2.061	1.985	1.880	7
8	---	---	---	---	---	---	---	2.191	2.161	2.069	1.967	1.881	8
9	---	---	---	---	---	---	---	---	2.163	2.049	1.964	1.850	9
10	---	---	---	---	---	---	---	---	2.150	2.070	2.021	1.835	10
11	---	---	---	---	---	---	---	---	2.157	2.052	2.000	1.868	11
12	---	---	---	---	---	---	---	---	2.158	2.049	1.957	1.858	12
13	---	---	---	---	---	---	2.043	2.281	2.132	2.060	1.913	1.899	13
14	---	---	---	---	---	---	2.041	2.281	2.103	2.038	1.903	1.895	14
15	---	---	---	---	---	---	2.039	2.239	2.139	2.006	1.933	1.893	15
16	---	---	---	---	---	---	2.045	2.215	2.109	2.022	1.968	---	16
17	---	---	---	---	---	---	2.084	2.217	2.143	2.018	1.950	---	17
18	---	---	---	---	---	---	2.112	2.223	2.121	2.038	1.948	---	18
19	---	---	---	---	---	---	2.108	2.213	2.102	2.044	1.931	---	19
20	---	---	---	---	---	---	2.087	2.178	2.077	2.038	1.934	---	20
21	---	---	---	---	---	---	2.085	2.178	2.083	2.018	1.986	---	21
22	---	---	---	---	---	---	2.098	2.178	2.080	1.992	1.968	---	22
23	---	---	---	---	---	---	2.108	2.178	2.078	2.061	1.961	---	23
24	---	---	---	---	---	---	2.117	2.178	2.088	2.108	1.953	---	24
25	---	---	---	---	---	---	2.121	2.208	2.083	2.038	1.987	---	25
26	---	---	---	---	---	---	2.108	2.210	2.080	2.010	1.966	---	26
27	---	---	---	---	---	---	2.111	2.181	2.102	2.040	1.968	---	27
28	---	---	---	---	---	---	2.120	2.189	2.107	2.010	1.936	---	28
29	---		---	---	---	---	2.114	2.189	2.139	2.031	1.938	---	29
30	---		---	---	---	---	2.103	2.183	2.103	1.993	1.973	---	30
31	---		---		---		2.127	2.178		1.998		---	31
MEAN	---	---	---	---	---	---	---	---	2.139	2.044	1.981	---	MEAN
MAX	---	---	---	---	---	---	---	---	2.189	2.108	2.021	---	MAX
MIN	---	---	---	---	---	---	---	---	2.080	1.993	1.903	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 43 59 N
LONG 109 10 00 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - STAGE RECORD USED FOR WATER LEVEL TRANSFER OF GSC DATUM FOR GREAT SLAVE LAKE

GREAT SLAVE LAKE AT HAY RIVER - STATION NO. 07SB002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.219	1.405	1.363	1.349	---	---	1
2	---	---	---	---	---	---	1.224	1.371	1.390	1.312	1.167	---	2
3	---	---	---	---	---	---	1.209	1.378	1.405	1.280	1.181	---	3
4	---	---	---	---	---	---	1.228	1.384	1.394	1.326	1.182	---	4
5	---	---	---	---	---	---	1.219	1.386	1.361	1.290	1.194	---	5
6	---	---	---	---	---	---	1.226	1.388	1.374	1.287	1.208	---	6
7	---	---	---	---	---	---	1.224	1.386	1.409	1.253	---	---	7
8	---	---	---	---	---	---	1.225	1.386	1.352	1.294	---	---	8
9	---	---	---	---	---	---	1.212	1.385	1.347	1.273	---	---	9
10	---	---	---	---	---	---	1.216	1.389	1.351	1.290	---	---	10
11	---	---	---	---	---	---	1.230	1.380	1.333	1.266	---	---	11
12	---	---	---	---	---	---	1.229	1.388	1.333	1.250	---	---	12
13	---	---	---	---	---	---	1.236	1.393	1.324	1.287	---	---	13
14	---	---	---	---	---	---	1.245	1.405	1.309	1.363	---	---	14
15	---	---	---	---	---	---	1.264	1.410	1.287	1.334	---	---	15
16	---	---	---	---	---	---	1.300	1.416	1.370	---	---	---	16
17	---	---	---	---	---	---	1.317	1.434	1.405	---	---	---	17
18	---	---	---	---	---	---	1.280	1.439	1.380	---	---	---	18
19	---	---	---	---	---	---	1.266	1.426	1.327	1.231	---	---	19
20	---	---	---	---	---	---	1.309	1.437	1.310	1.280	---	---	20
21	---	---	---	---	---	---	1.312	1.426	1.300	1.254	---	---	21
22	---	---	---	---	---	---	1.304	1.422	1.280	1.209	---	---	22
23	---	---	---	---	---	---	1.307	1.411	1.284	1.175	---	---	23
24	---	---	---	---	---	1.226	1.312	1.397	1.293	1.240	---	---	24
25	---	---	---	---	---	1.241	1.316	1.384	1.283	1.229	---	---	25
26	---	---	---	---	---	1.221	1.326	1.396	1.520	1.222	---	---	26
27	---	---	---	---	---	1.219	1.334	1.395	1.277	---	---	---	27
28	---	---	---	---	---	1.206	1.336	1.386	1.279	---	---	---	28
29	---		---	---	---	1.210	1.331	1.390	1.251	1.206	---	---	29
30	---		---	---	---	1.227	1.337	1.381	1.284	1.232	---	---	30
31	---		---		---		1.345	1.368		1.209		---	31
MEAN	---	---	---	---	---	---	1.276	1.397	1.342	---	---	---	MEAN
MAX	---	---	---	---	---	---	1.345	1.439	1.520	---	---	---	MAX
MIN	---	---	---	---	---	---	1.212	1.366	1.251	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.520 ON SEP 26
MINIMUM DAILY, 1.167 ON NOV 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 00 N
LONG 115 43 00 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 07SB001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	156.423E	156.520E	156.530A	156.554	156.453	156.521	156.531	156.647	156.679	156.605	156.566	156.481	1
2	156.430E	156.520A	156.535	156.542	156.462	156.481	156.527	156.659	156.694	156.626	156.649	156.469	2
3	156.441E	156.510	156.541	156.551	156.469	156.497	156.532	156.677	156.693	156.617	156.587	156.439	3
4	156.433E	156.513	156.520	156.555	156.460	156.503	156.524	156.697	156.696	156.548	156.531	156.449	4
5	156.447E	156.509	156.526	156.553	156.464	156.502	156.520	156.705	156.695	156.605	156.519	156.453	5
6	156.450E	156.507	156.546	156.530	156.464	156.512	156.512	156.708	156.610A	156.612	156.503	156.420	6
7	156.458E	156.508	156.545	156.527	156.460	156.520	156.533	156.701	156.664E	156.615	156.501A	156.423	7
8	156.460E	156.512	156.541	156.526	156.464	156.524	156.543	156.715	156.660E	156.599	156.504E	156.451	8
9	156.465E	156.514	156.542	156.522	156.472	156.516	156.565	156.730	156.671E	156.614	156.505E	156.465	9
10	156.470E	156.514	156.546	156.526	156.468	156.531	156.570	156.708	156.657E	156.614	156.505A	156.468	10
11	156.477E	156.516	156.539	156.521	156.476	156.534	156.563	156.735	156.670E	156.623	156.525	156.459	11
12	156.474E	156.513	156.535	156.523	156.472	156.535	156.567	156.721	156.663E	156.627	156.511	156.463	12
13	156.466E	156.520	156.533	156.520	156.476	156.534	156.564	156.694	156.664E	156.593	156.504	156.467	13
14	156.485E	156.527	156.535	156.508	156.477	156.549A	156.562	156.723	156.669	156.579	156.500	156.468	14
15	156.495E	156.519	156.541	156.510	156.461	156.503	156.566	156.724	156.667	156.564	156.519	156.471	15
16	156.504E	156.515	156.540	156.512	156.484	156.580	156.595	156.721	156.695	156.615	156.492	156.473	16
17	156.512A	156.507	156.543	156.512	156.484	156.567	156.559	156.721	156.586	156.600	156.503	156.468	17
18	156.492	156.515	156.537	156.511	156.486	156.538	156.598	156.734	156.583	156.625	156.501	156.472	18
19	156.499	156.518	156.540	156.493	156.486	156.537	156.609	156.734	156.610	156.619	156.504	156.473	19
20	156.502	156.509	156.546	156.463	156.488	156.558	156.611	156.733	156.614	156.590	156.488	156.477	20
21	156.498	156.524	156.546	156.470	156.486	156.564	156.615	156.734	156.663	156.595	156.499	156.476	21
22	156.500	156.517	156.545	156.470	156.502	156.569	156.618	156.734	156.637	156.632	156.566	156.482	22
23	156.506	156.509	156.546	156.462	156.502	156.555	156.625	156.735	156.597	156.568	156.579	156.494	23
24	156.527	156.521	156.547	156.479	156.511	156.551	156.626	156.738	156.598	156.560	156.494	156.493	24
25	156.530	156.520E	156.542	156.461	156.506	156.546	156.636	156.734	156.587	156.600	156.477A	156.490	25
26	156.517	156.529E	156.539	156.466	156.540	156.552	156.635	156.710	156.535	156.568	156.505	156.498	26
27	156.520	156.527E	156.531	156.465	156.540	156.541	156.632	156.714	156.506	156.546	156.471	156.495	27
28	156.520	156.528E	156.546	156.463	156.535	156.536	156.643	156.707	156.577	156.605	156.461A	156.500	28
29	156.521		156.545	156.455	156.535	156.533	156.658	156.694	156.596	156.556	156.476	156.499	29
30	156.524		156.546	156.466	156.534	156.530	156.655	156.715	156.601	156.555	156.441	156.497	30
31	156.529E		156.554		156.528		156.656	156.706		156.544		156.510	31
MEAN	156.480	156.516	156.541	156.505	156.489	156.528	156.583	156.713	156.627	156.597	156.513	156.472	MEAN
MAX	156.529	156.529	156.554	156.555	156.540	156.580	156.656	156.738	156.694	156.660	156.649	156.510	MAX
MIN	156.423	156.507	156.520	156.455	156.453	156.481	156.512	156.647	156.506	156.544	156.441	156.420	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 156.560
MAXIMUM DAILY, 156.738 ON AUG 24
MINIMUM DAILY, 156.420 ON DEC 6
MAXIMUM INSTANTANEOUS,
156.822 AT 15:30 MST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 26 30 N
LONG 114 21 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NORTHWEST TERRITORIES

HALDANE RIVER NEAR THE MOUTH - STATION NO 10JD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	00	00	0 B	11 50	44 3	9 38	3 51	3 060	2 24 B	0 6400	1
2	00	00	00	00	0 B	10 00	40 8	8 85	3 44	3 050	2 22 B	0 5800	2
3	00	00	00	00	0 B	31 00	37 8	8 37	3 43	3 030	2 19 B	0 5300	3
4	00	00	00	00	0 B	52 00	35 0	7 94	3 42	3 000	2 16 B	0 4800	4
5	00	00	00	00	0 B	84 00	32 6	7 56	3 41	2 980	2 13 B	0 4100	5
6	00	00	00	00	0 B	140 B	30 4	7 25	3 39	2 970	2 10 B	0 3500	6
7	00	00	00	00	0 B	185 B	28 3	6 94	3 34	2 950	2 06 B	0 3000	7
8	00	00	00	00	0 B	190 B	26 2	6 71	3 23A	2 920	2 03 B	0 2500	8
9	00	00	00	00	0 B	188 B	24 5	6 47	3 21E	2 900	2 00 B	0 2100	9
10	00	00	00	00	0 B	185	23 3	6 24	3 21E	2 870	1 86 B	0 1800	10
11	00	00	00	00	0 B	148	22 3	6 01	3 21E	2 840	1 82 B	0 1300	11
12	00	00	00	00	0 B	132	21 3	5 91	3 21E	2 820	1 80 B	0 1000	12
13	00	00	00	00	0 B	187	20 4	5 84	3 21E	2 790	1 80 B	0 0800	13
14	00	00	00	00	0 B	176	19 6	5 22	3 21E	2 770	1 73 B	0 0300	14
15	00	00	00	00	0 B	172	18 8	5 35	3 21E	2 740	1 66 B	0 0	15
16	00	00	00	00	0 B	169	18 0	5 09	3 21E	2 710	1 61 B	0 0	16
17	00	00	00	00	0 B	165	18 2	5 76	3 21E	2 680	1 56 B	0 0	17
18	00	00	00	00	0 B	158	17 9	5 56	3 21E	2 660	1 52 B	0 0	18
19	00	00	00	00	0 B	146	17 3	5 29	3 21E	2 630	1 43 B	0 0	19
20	00	00	00	00	0 B	132	16 6	5 03	3 21E	2 600	1 38 B	0 0	20
21	00	00	00	00	0 B	118	16 2	4 76	3 21E	2 570	1 30 B	0 0	21
22	00	00	00	00	0 B	105	15 4	4 52	3 21E	2 530	1 22 B	0 0	22
23	00	00	00	00	0 B	95 1	14 6	4 36	3 21E	2 500	1 16 B	0 0	23
24	00	00	00	00	0 B	84 4	13 8	4 19	3 20E	2 480	1 10 B	0 0	24
25	00	00	00	00	0 B	77 0	13 2	4 11	3 19E	2 450	1 03 B	0 0	25
26	00	00	00	00	0 0500	88 2	12 6	4 11	3 17E	2 430	0 9800	0 0	26
27	00	00	00	00	0 1900	83 1	13 3	4 11	3 15E	2 390	0 9200	0 0	27
28	00	00	00	00	0 7000	87 3	11 8	4 01	3 13E	2 370	0 8700	0 0	28
29	00		00	00	2 30 B	92 3	11 2	3 87	3 11E	2 330	0 8000	0 0	29
30	00		00	00	4 00 B	46 3	10 5	3 76	3 10E	2 300	0 7200	0 0	30
31	00		00		7 00 B		9 92	3 62		2 280		0 0	31
TOTAL	0	0	0	0	14 240	3 424 2	655 32	178 45	97 36	83 62	47 700	4 250	TOTAL
MEAN	0	0	0	0	0 459	114	21 1	5 76	3 25	2 70	1 58	0 137	MEAN
MAX	0	0	0	0	7 00	190	44 3	9 38	3 51	3 06	2 24	0 640	MAX
MIN	0	0	0	0	0	11 5	9 92	3 62	3 10	2 28	0 720	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12 3
MAXIMUM DAILY, 1906 00 JUN 6
MINIMUM DAILY, 00 00 JAN 1
MAXIMUM INSTANTANEOUS,
200 AT 09 07 MST 00 JUN 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 51 00 N
LONG 121 16 10 W
DRAINAGE AREA, 3 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	96 600
FEB	0	AUG	15 500
MAR	0	SEP	8 410
APR	0	OCT	7 220
MAY	1 336	NOV	4 130
JUN	295 000	DEC	367

TOTAL DISCHARGE, 389 000 dam³

HANBURY RIVER ABOVE MYARE LAKE - STATION NO 08JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6 190	5 830	4 500	4 190	4 150	6 000	110 E	65 3	67 5	65 5	28 1 B	9 510	1
2	6 060	5 790	4 460	4 190	4 150	7 810	100 E	64 4	66 2	65 5	26 9 B	9 190	2
3	6 000	5 720	4 450	4 190	4 140	9 700	106 E	63 6	66 7	65 2	26 0 B	8 920	3
4	7 800	5 670	4 430	4 180	4 140	11 6 B	104 E	62 5	66 6	64 8	25 1 B	8 660	4
5	7 830	5 600	4 410	4 180	4 140	14 2 B	102 E	61 4	66 2	64 5	24 2 B	8 390	5
6	7 780	5 580	4 410	4 180	4 140	16 5 B	100 E	60 9	66 2	64 2	23 2 B	8 150	6
7	7 680	5 490	4 400	4 180	4 140	21 6 B	98 1E	60 5	66 1	63 8	22 3 B	7 880	7
8	7 590	5 420	4 390	4 180	4 140	26 7 B	96 2E	60 1	66 2	62 5	21 4 B	7 650	8
9	7 500	5 390	4 390	4 180	4 140	33 5 B	94 3E	59 6	66 2	61 2	20 6 B	7 440	9
10	7 410	5 330	4 380	4 180	4 130	38 9 B	92 4E	58 6	66 4	61 3	19 9 B	7 230	10
11	7 330	5 280	4 370	4 170	4 130	51 6 B	90 5E	57 9	66 5	60 7	19 2 B	7 000	11
12	7 220	5 220	4 350	4 170	4 130	64 2 B	88 8A	59 4	66 3	60 3	18 4 B	6 810	12
13	7 150	5 170	4 330	4 170	4 130	78 0 B	87 1	60 7	66 7	60 00	17 8 B	6 620	13
14	7 040	5 110	4 310	4 170	4 130	90 9 E	85 4	61 3	66 5	66 00	17 3 B	6 480	14
15	7 000	5 060	4 280	4 170	4 130	101 E	83 6	62 1	66 6	63 00	16 7 B	6 300	15
16	6 940	5 000	4 250	4 170	4 120	112 E	82 4	63 0	66 7	62 10	15 9 B	6 100	16
17	6 850	4 890	4 210	4 170	4 120	119 E	80 8	63 7	66 5	60 30	15 5 B	5 900	17
18	6 780	4 850	4 210	4 160	4 120	125 E	79 3	64 6	66 2	60 00	14 9 B	5 680	18
19	6 680	4 800	4 210	4 160	4 120	126 E	78 0	65 4	66 4	60 00	14 4 B	5 720	19
20	6 630	4 830	4 210	4 160	4 120	129 E	76 6	66 1	66 4	64 00	13 9 B	5 800	20
21	6 600	4 800	4 200	4 160	4 120	130 E	75 0	67 0	67 7	63 00	13 5 B	5 450	21
22	6 530	4 760	4 200	4 160	4 110	129 E	73 7	67 9	66 5	61 30	13 1 B	5 340	22
23	6 440	4 720	4 200	4 160	4 120	128 E	72 5	68 0	66 6	60 00	12 6 B	5 220	23
24	6 300	4 660	4 200	4 160	4 170	126 E	71 0	68 5	66 6	60 10	12 2 B	5 110	24
25	6 290	4 650	4 200	4 160	4 210	124 E	71 2	68 7	66 6	60 00	11 8 B	5 000	25
26	6 210	4 620	4 200	4 160	4 280	122 E	70 5	69 0	66 6	59 50	11 3 B	4 880	26
27	6 160	4 600	4 200	4 150	4 420	120 E	69 6	68 5	67 5	34 20	10 9 B	4 770	27
28	6 080	4 570	4 190	4 150	4 650	117 E	68 6	68 3	70 0	32 90	10 6 B	4 680	28
29	6 030		4 190	4 150	4 840	115 E	67 7	68 1	67 6	31 60	10 2 B	4 580	29
30	5 990		4 190	4 150	5 100	113 E	66 9	67 2	65 6	30 30	9 800	4 510	30
31	5 930		4 190		5 430		66 1	67 0		29 30		4 450	31
TOTAL	216 23	143 74	133 13	135 00	132 12	2 410 70	2 817 0	1 900 4	2 036 6	1 582 2	617 80	199 61	TOTAL
MEAN	6 98	5 13	4 29	4 17	4 26	80 4	64 4	64 3	66 0	60 4	17 3	6 44	MEAN
MAX	8 19	6 83	4 50	4 19	5 43	130	110	69 0	70 0	65 5	28 1	9 51	MAX
MIN	5 93	4 57	4 19	4 15	4 11	9 00	66 1	67 0	65 6	29 3	9 00	4 48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33 1
MAXIMUM DAILY, 1306 00 JUN 21
MINIMUM DAILY, 4 110 00 MAY 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 30 N
LONG 105 00 00 W
DRAINAGE AREA, 6 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 700	JUL	226 000
FEB	12 400	AUG	172 000
MAR	11 500	SEP	176 000
APR	10 800	OCT	135 000
MAY	11 400	NOV	66 700
JUN	300 000	DEC	17 200

TOTAL DISCHARGE, 1 060 000 dam³

HARE CREEK NEAR INUVIK - STATION NO 10HD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.00	0.00	0.00	0.00	0.00 B	0.2200	4.12	0.822	0.170E	0.028E	0.0068	0.00	1
2	0.00	0.00	0.00	0.00	0.00 B	0.2800	4.03	0.580	0.160E	0.026E	0.0068	0.00	2
3	0.00	0.00	0.00	0.00	0.00 B	0.4500	4.04	0.670	0.153E	0.024E	0.0068	0.00	3
4	0.00	0.00	0.00	0.00	0.00 B	3.30 A	3.95	0.658	0.145E	0.022E	0.0068	0.00	4
5	0.00	0.00	0.00	0.00	0.00 B	10.5	3.79	0.534	0.138E	0.020E	0.0048	0.00	5
6	0.00	0.00	0.00	0.00	0.00 B	16.3	3.62	0.524	0.130E	0.019E	0.0048	0.00	6
7	0.00	0.00	0.00	0.00	0.00 B	15.5	3.81	0.486	0.123E	0.018E	0.0038	0.00	7
8	0.00	0.00	0.00	0.00	0.00 B	15.4	3.58	0.410	0.117E	0.018E	0.0038	0.00	8
9	0.00	0.00	0.00	0.00	0.00 B	13.1	3.35	0.408	0.110E	0.017E	0.0028	0.00	9
10	0.00	0.00	0.00	0.00	0.00 B	13.7	3.10	0.352	0.104E	0.017E	0.0028	0.00	10
11	0.00	0.00	0.00	0.00	0.00 B	12.2	2.91	0.342E	0.098E	0.016E	0.0018	0.00	11
12	0.00	0.00	0.00	0.00	0.00 B	10.8	2.72	0.330E	0.094E	0.016E	0.0018	0.00	12
13	0.00	0.00	0.00	0.00	0.00 B	10.1	2.46	0.318E	0.088E	0.015E	0 B	0.00	13
14	0.00	0.00	0.00	0.00	0.00 B	9.13	2.20	0.306E	0.083E	0.015E	0 B	0.00	14
15	0.00	0.00	0.00	0.00	0.00 B	8.44	2.19	0.298E	0.078E	0.014E	0 B	0.00	15
16	0.00	0.00	0.00	0.00	0.00 B	7.85	2.10	0.288E	0.073E	0.014E	0 B	0.00	16
17	0.00	0.00	0.00	0.00	0.00 B	7.31	1.96	0.280E	0.069E	0.013E	0 B	0.00	17
18	0.00	0.00	0.00	0.00	0.00 B	7.00	1.83	0.271E	0.065E	0.012E	0 B	0.00	18
19	0.00	0.00	0.00	0.00	0.00 B	6.56	1.62	0.262E	0.060E	0.012E	0 B	0.00	19
20	0.00	0.00	0.00	0.00	0.00 B	6.15	1.57	0.256E	0.056E	0.012E	0 B	0.00	20
21	0.00	0.00	0.00	0.00	0.00 B	5.76	1.50	0.248E	0.053E	0.011E	0 B	0.00	21
22	0.00	0.00	0.00	0.00	0.00 B	5.53	1.39	0.241E	0.050E	0.011E	0 B	0.00	22
23	0.00	0.00	0.00	0.00	0.00 B	5.40	1.31	0.234E	0.047E	0.010E	0 B	0.00	23
24	0.00	0.00	0.00	0.00	0.00 B	5.27	1.25	0.226E	0.043E	0.010E	0 B	0.00	24
25	0.00	0.00	0.00	0.00	0.00 B	5.14	1.19	0.222E	0.041E	0.010E	0 B	0.00	25
26	0.00	0.00	0.00	0.00	0.00 B	4.98	1.13	0.210E	0.038E	0.009E	0 B	0.00	26
27	0.00	0.00	0.00	0.00	0.0100	4.80	1.01	0.209E	0.038E	0.009E	0 B	0.00	27
28	0.00	0.00	0.00	0.00	0.0200	4.65	0.901	0.203E	0.036E	0.009E	0 B	0.00	28
29	0.00		0.00	0.00	0.0400	4.55	0.864	0.188E	0.032E	0.008E	0 B	0.00	29
30	0.00		0.00	0.00	0.0560	4.41	0.787	0.188E	0.030E	0.007E	0 B	0.00	30
31	0.00		0.00		0.1520		0.727	0.178E		0.007E		0.00	31
TOTAL	0	0	0	0	0.328	225.880	71.218	10.648	2.518	0.649	0.042	0	TOTAL
MEAN	0	0	0	0	0.011	7.53	2.30	0.340	0.084	0.014	0.001	0	MEAN
MAX	0	0	0	0	0.152	16.5	4.12	0.670	0.170	0.028	0.006	0	MAX
MIN	0	0	0	0		0.220	0.727	0.178	0.030	0.007	0	0	MIN

SUMMARY FOR THE MONTHS APR TO DEC

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 16.5 ON JUN 7
MINIMUM DAILY, 0.00 ON APR 1
MAXIMUM INSTANTANEOUS,
16.9 AT 03:26 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 52 20 N
LONG 133 34 30 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	6 150
FEB	0	AUG	911
MAR	0	SEP	218
APR	0	OCT	38.8
MAY	28.2	NOV	3.63
JUN	19 500	DEC	0

TOTAL DISCHARGE, 26 800 dam³

HARRIS RIVER NEAR THE MOUTH - STATION NO 10GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0258	0.0408	0.0258	0.0208	31.3	10.9 A	1.26	0.107	0.005	0.058	0.0508	0.0188	1
2	0.0508	0.0408	0.0258	0.0258	29.6	10.3	1.11	0.144	0.005	0.108	0.0768	0.0188	2
3	0.0508	0.0408	0.0258	0.0258	24.2	9.40	1.03	0.218	0.005	0.098	0.0748	0.0188	3
4	0.0458	0.0408	0.0258	0.0258	18.6	8.56	0.911	0.305	0.005	0.087	0.0728	0.0148	4
5	0.0458	0.0358	0.0258	0.0258	14.4	7.83	0.774	0.321	0.004	0.083	0.0708	0.0138	5
6	0.0408	0.0358	0.0258	0.0258	11.6	7.52	0.667	0.258	0	0.081	0.0708	0.0118	6
7	0.0408	0.0358	0.0258	0.0308	11.5	7.45	0.561	0.230	0	0.094	0.0758	0.0088	7
8	0.0758	0.0358	0.0258	0.0308	11.7	7.25	0.529	0.190	0	0.097	0.0758	0.0078	8
9	0.0708	0.0358	0.0258	0.0308	14.0	6.85	0.483	0.185	0	0.1060	0.0718	0.0068	9
10	0.0708	0.0308	0.0258	0.0308	18.4	8.32	0.461	0.168	0	0.1060	0.0568	0.0048	10
11	0.0858	0.0308	0.0258	0.0358	20.6	9.90	0.404	0.184	0.016	0.1060	0.0558	0.0038	11
12	0.0608	0.0308	0.0258	0.0358	21.7	9.62	0.384	0.660	0.050	0.1040	0.0558	0.0028	12
13	0.0608	0.0308	0.0258	0.0408	23.7	9.22	0.329	0.877	0.056	0.1020	0.0548	0.0018	13
14	0.0608	0.0308	0.0258	0.0408	22.7	8.69	0.304	0.859	0.050	0.0928	0.0538	0.0018	14
15	0.0558	0.0308	0.0308	0.0458	21.5	8.71	0.278	0.847	0.070	0.0858	0.0548	0.0018	15
16	0.0558	0.0308	0.0308	0.0508	20.9A	8.35	0.268	0.844	0.072	0.0858	0.0578	0 B	16
17	0.0508	0.0308	0.0308	0.0558	19.7E	7.90	0.218	0.833	0.068	0.0878	0.0478	0 B	17
18	0.0508	0.0308	0.0308	0.0658	18.9E	7.64	0.187	0.822	0.065	0.0848	0.0448	0 B	18
19	0.0508	0.0308	0.0308	0.0738	18.0E	7.61	0.180	0.819	0.065	0.0808	0.0488	0 B	19
20	0.0508	0.0308	0.0308	0.1000	17.1E	7.86	0.160	0.821	0.065	0.0788	0.0508	0 B	20
21	0.0508	0.0308	0.0308	0.2508	16.2E	7.59	0.134	0.823	0.065	0.0768	0.0508	0 B	21
22	0.0508	0.0308	0.0308	0.3008	15.3E	7.20	0.114	0.820	0.072	0.0838	0.0528	0 B	22
23	0.0508	0.0308	0.0258	0.4008	14.5E	6.83	0.108	0.818	0.080	0.0818	0.0438	0 B	23
24	0.0458	0.0258	0.0308	1.00 B	13.8E	6.63	0.104	0.818	0.085	0.0708	0.0368	0 B	24
25	0.0458	0.0358	0.0308	1.00 B	13.2E	6.42	0.101	0.818	0.085	0.0778	0.0398	0 B	25
26	0.0458	0.0258	0.0308	2.50 B	12.6E	6.27	0.098	0.813	0.085	0.0768	0.0368	0 B	26
27	0.0458	0.0258	0.0308	4.00 B	12.2E	6.05	0.097	0.813	0.085	0.0718	0.0368	0 B	27
28	0.0408	0.0258	0.0308	5.97 B	11.8E	5.78	0.095	0.808	0.085	0.0728	0.0368	0 B	28
29	0.0408		0.0308	10.3 B	11.6E	5.56	0.093	0.804	0.084	0.0708	0.0368	0 B	29
30	0.0408		0.0308	26.3 B	11.3E	5.42	0.092	0.806	0.086	0.0668	0.0298	0 B	30
31	0.0408		0.0308		11.1E		0.090	0.806		0.0678		0 B	31
TOTAL	1.885	0.878	0.890	82.703	532.4	252.31	11.538	2.800	1.444	2.771	1.637	0.133	TOTAL
MEAN	0.060	0.031	0.032	2.99	17.2	8.08	0.372	0.091	0.048	0.089	0.055	0.004	MEAN
MAX	0.087	0.040	0.035	26.3	31.3	10.9	1.26	0.305	0.086	0.108	0.080	0.018	MAX
MIN	0.044	0.025	0.030	0.020	11.1	1.42	0.090	0.080	0	0.071	0.033	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.11
MAXIMUM DAILY, 31.3 ON MAY 1
MINIMUM DAILY, 0.00 SEP 6
MAXIMUM INSTANTANEOUS,
31.7 AT 14:33 MST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 41 N
LONG 121 17 36 W
DRAINAGE AREA, 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	181	JUL	987
FEB	75.7	AUG	343
MAR	80.6	SEP	126
APR	5 430	OCT	230
MAY	45 900	NOV	141
JUN	13 200	DEC	10.8

TOTAL DISCHARGE, 66 700 dam³

NORTHWEST TERRITORIES

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 050	1 660	1 330	0 9900	5100	277	171	61 0	48 7	27 5	24 0 B	7 250	1
2	2 040	1 650	1 320	0 9800	4700	266	159	63 2	52 9	26 5	23 0 B	7 000	2
3	2 030	1 640	1 310	0 9700	4310E	254	145	65 8	46 7	26 1	24 0 B	6 850	3
4	2 010	1 620	1 300	0 9600	4140E	243	134	66 2	45 4	25 3	20 5 B	6 580	4
5	2 000	1 610	1 290	0 9500	3930A	233	126	61 4	40 7	24 3	16 0 B	6 450	5
6	1 990	1 600	1 280	0 9400	373	226	118	57 9	37 3	23 4	15 8 B	6 300	6
7	1 970	1 590	1 260	0 9300	361	217	111	103	34 6	23 0	14 9 B	6 000	7
8	1 960	1 570	1 250	0 9500	350	209	105	101	33 1	22 7	9 630	5 600	8
9	1 950	1 560	1 240	0 9700	348	206	100	95 4	30 5	22 7	7 950	5 000	9
10	1 940	1 550	1 230	1 00 B	355	206	95 7	88 4	26 7	22 5	6 660	5 400	10
11	1 920	1 540	1 220	1 20 B	360	210	89 9	80 8	27 1	22 3	6 420	5 250	11
12	1 910	1 530	1 210	1 40 B	366	212	85 3	76 8	25 5	22 1	5 400	5 000	12
13	1 900	1 510	1 200	1 60 B	370	210	81 0	67 5	24 1	21 7	7 990	4 850	13
14	1 890	1 500	1 180	1 80 B	387	204	76 9	60 7	22 3	21 2	11 0 B	4 600	14
15	1 870	1 490	1 170	2 00 B	376	198	74 1	55 3	24 0	19 60	10 4 B	4 350	15
16	1 860	1 480	1 160	2 30 B	367	191	73 8	51 5	24 6	18 70	11 2 B	4 200	16
17	1 850	1 470	1 150	2 60 B	362	184	72 6	47 7	25 0	18 10	11 7 B	4 050	17
18	1 840	1 460	1 140	3 00 B	361	176	72 4	43 2	24 5	20 00	11 4 B	3 850	18
19	1 820	1 450	1 130	3 90 B	357	169	71 2	39 9	26 0	19 70	11 0 B	3 700	19
20	1 810	1 430	1 120	5 00 B	354	163	70 3	37 8	30 6	19 40	10 6 B	3 600	20
21	1 800	1 420	1 100	7 00 B	348	163	73 1	35 8	33 8	19 10	10 3 B	3 400	21
22	1 790	1 410	1 090	10 0 B	345	158	77 1	30 1	35 4	18 70	9 900	3 300	22
23	1 770	1 400	1 080	16 0 B	353	166	77 9	21 8	35 5	18 40	9 750	3 100	23
24	1 760	1 380	1 070	26 0 B	358	161	76 3	30 4	34 8	16 20	9 400	3 000	24
25	1 750	1 360	1 060	43 0 B	354	153	71 7	36 6	32 8	21 30	9 230	2 880	25
26	1 740	1 370	1 050	70 0 B	346	146	69 9	27 0	32 5	23 00	8 760	2 850	26
27	1 720	1 350	1 040	100 B	339	144	70 6	26 2	31 8	24 50	8 350	2 550	27
28	1 710	1 340	1 030	151 B	328	160	70 3	26 0	29 6	22 50	8 100	2 450	28
29	1 700		1 020	270 B	319	180	66 4	25 8	28 1	23 50	7 750	2 350	29
30	1 690		1 010	550 B	307	180	65 8	26 8	28 6	25 00	7 500	2 300	30
31	1 670		1 000		293		61 7	36 4		25 50		2 250	31
TOTAL	57 70	41 87	36 04	1 421 440	11 410	5 873	2 813 0	1 713 3	976 9	687 6	350 70	136 53	TOTAL
MEAN	1 86	1 50	1 16	48 0	368	196	90 7	55 3	32 6	22 2	11 7	4 41	MEAN
MAX	2 05	1 66	1 33	550	510	277	171	103	52 9	27 5	24 0	7 25	MAX
MIN	1 67	1 34	1 00	0 930	293	144	61 7	26 6	23 3	18 1	5 40	2 25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60 8
MAXIMUM DAILY, 5500 ON APR 30
MINIMUM DAILY, 0 9300 ON APR 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 45 N
LONG 115 51 20 W
DRAINAGE AREA, 47 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 990	JUL	243 000
FEB	3 630	AUG	148 000
MAR	3 110	SEP	84 600
APR	119 000	OCT	59 400
MAY	987 000	NOV	30 300
JUN	507 000	DEC	11 800

TOTAL DISCHARGE, 2 200 000 dam³

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 06OB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	1 050E	135	160	67 1	11 4 B	0B	1
2	0B	0B	0B	0B	0B	0 B	990E	132	165	64 00	10 1 B	0B	2
3	0B	0B	0B	0B	0B	0 B	935E	128	163	60 00	9 40 B	0B	3
4	0B	0B	0B	0B	0B	0 B	880E	125	164	57 00	8 50 B	0B	4
5	0B	0B	0B	0B	0B	0 B	845E	127	154	54 00	7 80 B	0B	5
6	0B	0B	0B	0B	0B	0 B	810E	137	154	51 50	7 00 B	0B	6
7	0B	0B	0B	0B	0B	0 B	785E	163	156	46 50	6 10 B	0B	7
8	0B	0B	0B	0B	0B	0 9000	740E	168	150	45 00	5 60 B	0B	8
9	0B	0B	0B	0B	0B	2 00 B	730E	178	160	44 00	5 00 B	0B	9
10	0B	0B	0B	0B	0B	12 0 B	680E	193	156	42 00	4 50 B	0B	10
11	0B	0B	0B	0B	0B	32 0 B	650E	202	155	39 50	4 00 B	0B	11
12	0B	0B	0B	0B	0B	30 0 B	620E	226	166	37 50	3 50 B	0B	12
13	0B	0B	0B	0B	0B	40 0 B	600E	235	166	35 50	3 00 B	0B	13
14	0B	0B	0B	0B	0B	53 0 B	575E	236	172	34 00	2 50 B	0B	14
15	0B	0B	0B	0B	0B	72 0 B	546A	239	170	33 50	2 20 B	0B	15
16	0B	0B	0B	0B	0B	86 0 B	526	238	167	30 00	1 90 B	0B	16
17	0B	0B	0B	0B	0B	135 B	483	237	164	29 00	1 50 B	0B	17
18	0B	0B	0B	0B	0B	180 B	439	238	162	28 00	1 00 B	0B	18
19	0B	0B	0B	0B	0B	260 B	374	238	163	26 00	0 9000	0B	19
20	0B	0B	0B	0B	0B	320 B	314	240	138	25 50	0 5000	0B	20
21	0B	0B	0B	0B	0B	440 B	268	240	129	24 70	0 4000	0B	21
22	0B	0B	0B	0B	0B	600 B	240	238	123	23 60	0 2000	0B	22
23	0B	0B	0B	0B	0B	800 B	229	230	118	22 00	0 1000	0B	23
24	0B	0B	0B	0B	0B	1 150 B	225	217	108	21 70	0 B	0B	24
25	0B	0B	0B	0B	0B	1 590 E	221	212	103	20 60	0 B	0B	25
26	0B	0B	0B	0B	0B	1 430 E	205	203	88 6	18 50	0 B	0B	26
27	0B	0B	0B	0B	0B	1 340 E	184	188	83 6	19 00	0 B	0B	27
28	0B	0B	0B	0B	0B	1 260 E	175	181	80 0	16 30	0 B	0B	28
29	0B		0B	0B	0B	1 160 A	153	182	82 1	16 00	0 B	0B	29
30	0B		0B	0B	0B	1 110 E	148	172	72 0	14 00	0 B	0B	30
31	0B		0B		0B		143	164		12 50		0B	31
TOTAL	0	0	0	0	0	12 072 30	15 745	5 658	4 182 7	1 060 7	97 000	0	TOTAL
MEAN	0	0	0	0	0	402	508	183	139	34 4	3 25	0	MEAN
MAX	0	0	0	0	0	1 590	1 050	240	172	67 1	11 4	0	MAX
MIN	0	0	0	0	0	0	143	125	72 0	12 5	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 160
MAXIMUM DAILY, 1 590E ON JUN 25
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 22 00 N
LONG 94 05 00 W
DRAINAGE AREA, 17 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	1 360 000
FEB	0	AUG	523 000
MAR	0	SEP	361 000
APR	0	OCT	92 200
MAY	0	NOV	8 430
JUN	1 040 000	DEC	0

TOTAL DISCHARGE, 3 380 000 dam³

INDIN RIVER ABOVE CHALCO LAKE - STATION NO 07SA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 020	1 500	1 05 B	0 5970	0 3490	3 12	33 1	15 9	9 95	9 09	9 64	7 31	1
2	2 000	1 460	1 04 B	0 5800	0 3510	3 10	31 4	15 6	9 95	9 12	9 60	7 180	2
3	1 980	1 470	1 03 B	0 5600	0 3510	3 00	30 8	15 2	9 78	9 16	9 53	7 000	3
4	1 970	1 460	1 01 B	0 5470	0 3530	3 49	29 6	14 6	9 63	9 34	9 65	6 910	4
5	1 960	1 440	0.9950	0 5250	0 3560	4 16	27 7	14 3	9 58	9 46	9 46	6 780	5
6	1 930	1 420	0 9800	0 5050	0 3600	4 50	26 2	14 0	9 95	9 40	9 37	6 650	6
7	1 910	1 410	0 9650	0 4850	0 3600	4 81	25 6	13 7	10 0	9 30	9 03	6 550	7
8	1 890	1 390	0 9550	0 4600	0 3560	5 83	24 9	13 6	9 77	9 26	8 20	6 430	8
9	1 860	1 360	0 9400	0 4630	0 3420	6 82	23 3	13 3	9 71	9 38	8 77	6 330	9
10	1 860	1 370	0 9300	0 4650	0 3470	6 66	22 8	12 9	9 61	9 45	8 95	6 190	10
11	1 840	1 350	0 9150	0 4450	0 3490	6 86	22 7	12 7	9 52	9 48	9 18	6 030	11
12	1 820	1 340	0 9000	0 4300	0 3410	6 66	22 3	12 4	9 51	9 55	9 14	5 950	12
13	1 810	1 320	0 8850	0 4200	0 3340	8 33	21 8	12 3	9 30	9 55	9 24	5 850	13
14	1 790	1 300	0 8710	0 4210	0 3380	10 4	20 7	12 4	9 34	9 60	9 04	5 750	14
15	1 770	1 280	0 8590	0 4150	0 3360	12 7	19 9	12 4	9 52	9 47	9 26	5 650	15
16	1 760	1 270	0 8410	0 4050	0 3360	15 2	20 1	12 3	9 69	9 45	9 36	5 530	16
17	1 740	1 260	0 8280	0 4010	0 3380	16 3	20 1	12 0	9 67	9 50	9 27	5 450	17
18	1 720	1 240	0 8130	0 3960	0 3320	20 9	20 0	11 8	9 47	9 47	9 03	5 380	18
19	1 700	1 230	0 8000	0 3840	0 3310	23 5	19 4	11 6	9 36	9 51	8 58	5 250	19
20	1 680	1 220	0 7900	0 3300	0 3310	26 7	18 9	11 3	9 26	9 65	8 32	5 150	20
21	1 670	1 200	0 7830	0 3740	0 3300	28 8	18 9	11 1	9 07	9 62	8 24	5 040	21
22	1 660	1 180	0.7440	0 3710	0 3300	31 2	18 5	11 0	8 86	9 55	8 20	5 000	22
23	1 640	1 170	0 7300	0 3700	0 3320	32 5	18 4	11 0	8 82	10 0	8 09	4 900	23
24	1 630	1 150	0 7150	0 3650	0 3400	33 9	18 0	10 8	8 84	10.0	8.25	4 810	24
25	1 610	1 140	0 7000	0 3600	0 3500	34 9	17 9	10 8	8.93	10.1	8.18	4 720	25
26	1 600	1 120	0 6850	0 3580	0 3600	35 3	17 3	10 7	9 04	10.1	8.05	4 620	26
27	1 590	1 100	0 6730	0 3610	0 3600	36 2	16 9	10 7	9 30	9 87	8.03	4 560	27
28	1 570	1 080	0.6600	0 3560	0 3550	35 6	16 2	10 6	9 55	9.86	7 74	4 450	28
29	1 560		0.6450	0 3610	0 4200	35 0	16 5	10 2	9 85	10.4	7.63	4 400	29
30	1 540		0 6320	0 3490	0 575	34 5	16 4	9 90	9.36	10.4	7.41	4 290	30
31	1 520		0.6150		1.25		16 1	9 83		9.87		4 210	31
TOTAL	54 62	36.39	25.958	12.929	11 951	528 27	673 1	380 83	282 32	298.29	282 80	174 31	TOTAL
MEAN	1 76	1.30	0.837	0 431	0.386	17.6	21 7	12 3	9 41	9.62	9.78	5 62	MEAN
MAX	2 02	1.50	1.05	0.597	1.25	36 2	33 1	15 9	10 0	10.4	9.53	7 31	MAX
MIN	1.52	1.09	0.615	0 340	0.330	2 12	16 1	9 83	8.36	9.09	7.41	4.21	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 51
MAXIMUM DAILY, 36.2 ON JUN 27
MINIMUM DAILY, 0 2300 ON MAY 21
MAXIMUM INSTANTANEOUS,
37.7 AT 06:32 MST ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 24 20 N
LONG 115 02 30 W
DRAINAGE AREA, 1 790 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 720	JUL	58 200
FEB	3 140	AUG	32 900
MAR	2 240	SEP	24 400
APR	1 120	OCT	25 600
MAY	1 030	NOV	22 700
JUN	45 500	DEC	15 100

TOTAL DISCHARGE, 237 000 dam³

INMAN RIVER NEAR THE MOUTH - STATION NO. 10DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	00	00	0 B	0.0900	28.7	8.39	12.3	9.72 B	0.0100	00	1
2	00	00	00	00	0 B	0.1200	26.8	8.11	14.5	9.23 B	0 B	00	2
3	00	00	00	00	0 B	0.1700	24.7	8.77	14.0	4.80 B	0 B	00	3
4	00	00	00	00	0 B	0.2300	22.3	8.47	14.7	4.38 B	0 B	00	4
5	00	00	00	00	0 B	0.2900	20.0	8.38	15.8	3.95 B	0 B	00	5
6	00	00	00	00	0 B	0.3500	18.8	8.42	14.7	3.51 B	0 B	00	6
7	00	00	00	00	0 B	0.4400	17.8	8.44	12.7	3.08 B	0 B	00	7
8	00	00	00	00	0 B	0.5500	16.7	8.44	13.8	2.66 B	0 B	00	8
9	00	00	00	00	0 B	0.6900	15.4	8.40	13.1	2.26 B	0 B	00	9
10	00	00	00	00	0 B	7.00 B	14.5	8.28	13.0	2.02 B	0 B	00	10
11	00	00	00	00	0 B	180 B	13.7	8.11A	12.5	1.88 B	0 B	00	11
12	00	00	00	00	0 B	370 B	13.7	8.50E	12.4	1.40 B	0 B	00	12
13	00	00	00	00	0 B	385 B	13.7	8.80E	12.0	1.18 B	0 B	00	13
14	00	00	00	00	0 B	370 B	13.7	8.39E	11.6	1.02 B	0 B	00	14
15	00	00	00	00	0 B	355 E	13.7	8.09E	11.4	0.8800	0 B	00	15
16	00	00	00	00	0 B	331 A	13.7	7.08E	11.2	0.7500	0 B	00	16
17	00	00	00	00	0 B	288	13.7	7.47E	10.4 B	0.6500	0 B	00	17
18	00	00	00	00	0 B	220	13.7	7.87E	10.2 B	0.5600	0 B	00	18
19	00	00	00	00	0 B	165	13.7	8.26E	10.0 B	0.5000	0 B	00	19
20	00	00	00	00	0 B	135	13.7	8.68E	9.75B	0.4100	0 B	00	20
21	00	00	00	00	0 B	115	13.7	9.08E	9.50B	0.3400	0 B	00	21
22	00	00	00	00	0 B	103	13.6	9.44E	9.28B	0.3000	0 B	00	22
23	00	00	00	00	0 B	92.5	13.6	9.84E	9.00B	0.2600	0 B	00	23
24	00	00	00	00	0 B	70.0	11.8	10.2 E	8.73B	0.2100	0 B	00	24
25	00	00	00	00	0 B	53.8	10.9	10.6 E	8.41B	0.1700	0 B	00	25
26	00	00	00	00	0 B	47.0	10.1	11.0 E	8.04B	0.1200	0 B	00	26
27	00	00	00	00	0 B	45.8	9.15	11.4 E	7.63B	0.1000	0 B	00	27
28	00	00	00	00	0 B	40.2	7.55	11.8 E	7.13B	0.0700	0 B	00	28
29	00		00	00	0.0200	35.0	7.37	12.2 A	6.63B	0.0400	0 B	00	29
30	00		00	00	0.0400	31.7	7.07	12.7	6.18B	0.0300	0 B	00	30
31	00		00		0.0500		6.81	12.4		0.0300		00	31
TOTAL	0	0	0	0	0.130	3 483.786	483.15	340.84	330.44	46.330	0.010	0	TOTAL
MEAN	0	0	0	0	0.004	116	14.8	7.02	11.0	1.58	0	0	MEAN
MAX	0	0	0	0	0.050	385	28.7	12.7	15.8	9.72	0.010	0	MAX
MIN	0	0	0	0	0	0.090	6.81	5.11	8.18	0.030	0	0	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.7
MAXIMUM DAILY, 385 ON JUN 13
MINIMUM DAILY, 00 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 06 45 N
LONG 118 28 42 W
DRAINAGE AREA, 2 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	36 200
FEB	0	AUG	21 200
MAR	0	SEP	25 000
APR	0	OCT	4 180
MAY	10.4	NOV	0.03
JUN	200 000	DEC	0

TOTAL DISCHARGE, 392 000 dam³

NORTHWEST TERRITORIES

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO 10LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0 B	2 80	0 366	0 846	0 389	0 2890	0 0510	0	1
2	0	0	0	0	0 B	2 14	0 316	0 749	0 414	0 2780	0 0478	0	2
3	0	0	0	0	0 B	1 75	0 279	0 656	0 618	0 2700	0 0420	0	3
4	0	0	0	0	0 B	1 53	0 245	0 583	0 738	0 2610	0 0388	0	4
5	0	0	0	0	0 B	1 35	0 220	0 520	0 814	0 2520	0 0360	0	5
6	0	0	0	0	0 B	1 20	0 194	0 472	0 840	0 2440	0 0328	0	6
7	0	0	0	0	0 B	1 11	0 178	0 447	0 823	0 2360	0 0308	0	7
8	0	0	0	0	0 B	1 03	0 165	0 414	0 784	0 2280	0 0278	0	8
9	0	0	0	0	0 B	0 963	0 151	0 382	0 752	0 2220	0 0238	0	9
10	0	0	0	0	0 B	0 889	0 138	0 359	0 695	0 2150	0 0210	0	10
11	0	0	0	0	0 B	0 822	0 138	0 358	0 636	0 2090	0 0188	0	11
12	0	0	0	0	0 0025	0 774	0 148	0 417	0 576	0 2010	0 0168	0	12
13	0	0	0	0	0 0128	0 757	0 155	0 488	0 530	0 1940	0 0138	0	13
14	0	0	0	0	0 0238	0 735	0 157	0 509	0 497	0 1828	0 0118	0	14
15	0	0	0	0	0 0418	0 699	0 155	0 510	0 485	0 1718	0 0108	0	15
16	0	0	0	0	0 0718	0 720	0 158	0 490	0 461	0 1628	0 0088	0	16
17	0	0	0	0	0 1068	0 681	0 160	0 467	0 421	0 1518	0 0078	0	17
18	0	0	0	0	0 1558	0 775	0 157	0 443	0 403	0 1428	0 0068	0	18
19	0	0	0	0	0 2088	0 732	0 148	0 419	0 387	0 1338	0 0048	0	19
20	0	0	0	0	0 2478	0 654	0 143	0 397	0 369	0 1268	0 0038	0	20
21	0	0	0	0	0 3008	0 576	0 136	0 379	0 356	0 1178	0 0018	0	21
22	0	0	0	0	0 3758	0 586	0 128	0 362	0 360	0 1068	0 B	0	22
23	0	0	0	0	0 4308	0 685	0 119	0 344	0 364	0 1028	0 B	0	23
24	0	0	0	0	0 5508	0 727	0 109	0 331	0 369	0 0978	0 B	0	24
25	0	0	0	0	0 6508	0 721	0 099	0 320	0 371	0 0908	0 B	0	25
26	0	0	0	0	1 84 B	0 680	0 092	0 312	0 3488	0 0838	0 B	0	26
27	0	0	0	0	3 70 B	0 589	0 086	0 324	0 3388	0 0778	0 B	0	27
28	0	0	0	0	4 56 B	0 531	0 218	0 352	0 3238	0 0718	0 B	0	28
29	0		0	0	4 53	0 662	0 382	0 367	0 3118	0 0668	0 B	0	29
30	0		0	0	3 98	0 414	0 684	0 356	0 3008	0 0618	0 B	0	30
31	0		0		3 35		0 692	0 378		0 0578		0	31
TOTAL	0	0	0	0	25 382	20 185	8 676	13 718	15 042	5 095	0 444	0	TOTAL
MEAN	0	0	0	0	0 819	0 940	0 215	0 443	0 501	0 164	0 015	0	MEAN
MAX	0	0	0	0	4 56	2 80	0 692	0 846	0 840	0 289	0 051	0	MAX
MIN	0	0	0	0	0	0 414	0 088	0 312	0 389	0 057	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 259
MAXIMUM DAILY, 4 560 ON MAY 26
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 43 N
LONG 126 35 02 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	577
FEB	0	AUG	1 190
MAR	0	SEP	1 300
APR	0	OCT	440
MAY	2 190	NOV	38 0
JUN	2 440	DEC	0

TOTAL DISCHARGE, 8 180 dam³

JEAN-MARIE RIVER AT FORT SIMPSON HIGHWAY - STATION NO 10FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 5508	0 3208	0 2408	0 2408	47 98	45 9	3 85	0 550	0 793	0 556	0 4808	0 5048	1
2	0 5408	0 3208	0 2408	0 2408	50 88	39 8	2 22	0 619	0 762	0 588	0 4658	0 5088	2
3	0 5308	0 3158	0 2408	0 2408	37 6	35 2	2 92	0 626	0 759	0 602	0 4558	0 5108	3
4	0 5108	0 3108	0 2408	0 2428	31 5	30 6	2 86	0 650	0 762	0 604	0 4558	0 5108	4
5	0 5008	0 3058	0 2358	0 2458	28 8	27 1	2 34	0 681	0 767	0 6358	0 4708	0 5208	5
6	0 4908	0 3058	0 2358	0 2458	26 6	25 1	2 15	0 695	0 761	0 667A	0 4758	0 5208	6
7	0 4808	0 3008	0 2358	0 2478	25 5	24 0	2 00	0 693	0 716	0 659	0 4808	0 5308	7
8	0 4708	0 3008	0 2358	0 2488	23 6	24 0	1 85	0 693	0 686	0 656	0 4808	0 5358	8
9	0 4608	0 2958	0 2348	0 2558	26 2	23 4	1 69	0 691	0 661	0 656	0 4858	0 5508	9
10	0 4508	0 2908	0 2358	0 2508	30 3	22 2	1 62	0 698	0 660	0 657	0 4908	0 5508	10
11	0 4308	0 2908	0 2358	0 2588	33 0	20 6	1 62	0 764	0 676	0 6458	0 4958	0 5508	11
12	0 4208	0 2858	0 2358	0 3068	37 7	19 2	1 33	0 852	0 674	0 6108	0 5008	0 5708	12
13	0 4108	0 2808	0 2358	0 3348	41 8	17 6	1 30	0 858	0 659	0 5948	0 5058	0 5808	13
14	0 4008	0 2758	0 2358	0 3528	44 1	16 1	1 23	0 858	0 629	0 5888	0 5108	0 5908	14
15	0 4008	0 2758	0 2358	0 3688	45 7	15 0	1 13	0 881	0 608	0 5518	0 5208	0 6008	15
16	0 3908	0 2708	0 2328	0 4048	47 0	13 8	1 01	0 877	0 600	0 5348	0 5288	0 6108	16
17	0 3858	0 2708	0 2328	0 4148	48 2	12 4	0 938	0 870	0 598	0 5208	0 5308	0 6208	17
18	0 3808	0 2658	0 2328	0 3588	49 2	11 3	0 835	0 855	0 602	0 5058	0 5308	0 6208	18
19	0 3758	0 2658	0 2328	0 3098	50 3	10 3	0 804	0 854	0 596	0 5008	0 5308	0 6208	19
20	0 3708	0 2608	0 2328	0 3358	52 7	9 78	0 832	0 868	0 595	0 4908	0 5308	0 6208	20
21	0 3658	0 2608	0 2328	0 3288	54 1	9 18	0 795	0 868	0 598	0 4858	0 5308	0 6248	21
22	0 3608	0 2558	0 2328	0 3798	53 6	8 39	0 784	0 906	0 588	0 4788	0 5258	0 6108	22
23	0 3558	0 2508	0 2318	0 4858	50 8	7 84	0 775	0 907	0 537	0 4708	0 5258	0 6008	23
24	0 3508	0 2508	0 2318	0 6198	47 8	8 04	0 785	0 906	0 534	0 4658	0 5208	0 5908	24
25	0 3508	0 2508	0 2318	0 6868	45 8	8 47	0 730	0 895	0 534	0 4658	0 5208	0 5808	25
26	0 3508	0 2458	0 2358	1 28 B	51 8	8 87	0 703	0 887	0 537	0 4608	0 5108	0 5408	26
27	0 3478	0 2458	0 2358	2 61 B	58 1	9 37	0 647	0 870	0 535	0 4608	0 5108	0 5208	27
28	0 3408	0 2498	0 2358	7 17 B	61 2	4 89	0 631	0 868	0 544	0 4558	0 5058	0 5008	28
29	0 3358		0 2348	30 4 B	60 6	6 41	0 683	0 851	0 546	0 4558	0 5058	0 4908	29
30	0 3308		0 2338	35 7 B	57 2	3 94	0 648	0 853	0 546	0 4558	0 5058	0 4808	30
31	0 3258		0 2308		51 8		0 525	0 832		0 4558		0 4808	31
TOTAL	12 747	7 795	7 389	75 934	1 384 8	506 89	62 485	26 753	19 197	16 911	15 068	17 148	TOTAL
MEAN	0 411	0 278	0 238	2 53	44 8	16 9	1 37	0 798	0 637	0 546	0 502	0 553	MEAN
MAX	0 550	0 320	0 240	35 7	61 2	45 8	2 86	0 906	0 793	0 667	0 530	0 624	MAX
MIN	0 325	0 245	0 231	0 340	23 6	3 94	0 525	0 550	0 534	0 455	0 480	0 480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 78
MAXIMUM DAILY, 61.2 ON MAY 25
MINIMUM DAILY, 0 2318 ON MAR 23
MAXIMUM INSTANTANEOUS,
61.9 AT 15:04 MST ON MAY 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 37 00 N
LONG 121 15 00 W
DRAINAGE AREA, 1 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 190	JUL	3 870
FEB	873	AUG	2 140
MAR	825	SEP	1 850
APR	8 550	OCT	1 480
MAY	118 000	NOV	1 300
JUN	43 000	DEC	1 480

TOTAL DISCHARGE, 182 000 dam³

JOHNNY HOE RIVER ABOVE LAC STE THERESE - STATION NO 10JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15 58	12 58	10 5 8	9 438	12 58	276	117	41 0	22 7	15 29	10 5 8	6 928	1
2	15 48	12 48	10 5 8	9 418	13 18	276	111	40 3	22 4	15 18	10 4 8	6 818	2
3	15 38	12 48	10 5 8	9 408	13 68	274	105	39 6	22 2	15 08	10 3 8	6 718	3
4	15 28	12 38	10 4 8	9 408	14 78	263	99 8	38 9	21 9	14 88	10 2 8	6 608	4
5	15 18	12 38	10 4 8	9 408	15 58	257	93 6	38 0	21 5	14 68	10 0 8	6 508	5
6	15 08	12 28	10 3 8	9 408	16 68	252	88 4	37 2	21 2	14 48	9 928	6 408	6
7	14 88	12 18	10 3 8	9 398	17 98	246	82 8	36 7	20 8	14 38	9 788	6 308	7
8	14 78	12 08	10 2 8	9 398	19 38	241	78 4	36 2	20 2	14 18	9 648	6 218	8
9	14 68	11 98	10 2 8	9 398	21 08	238	76 2	35 3	19 7	14 08	9 508	6 128	9
10	14 58	11 98	10 1 8	9 398	22 98	239	73 1	34 6	19 3	13 88	9 408	6 028	10
11	14 48	11 88	10 1 8	9 388	25 28	238	70 3	34 7	19 1	13 68	9 258	5 988	11
12	14 38	11 78	10 0 8	9 398	26 18	235	68 1	34 8	18 8	13 48	9 108	5 878	12
13	14 28	11 68	10 0 8	9 408	31 88	230	66 2	33 7	18 6	13 38	9 008	5 798	13
14	14 18	11 58	10 0 8	9 408	35 98	224	64 3	32 5	18 6	13 18	8 888	5 718	14
15	14 08	11 58	9 998	9 408	41 88	217	62 4	31 4	18 8	13 08	8 768	5 628	15
16	13 98	11 48	9 958	9 418	49 58	213	60 5	30 9	18 5	12 98	8 728	5 568	16
17	13 88	11 38	9 838	9 438	59 08	208	58 7	31 0	18 0	12 78	8 588	5 488	17
18	13 78	11 38	9 818	9 478	71 68	200	57 0	30 3	17 3	12 68	8 418	5 408	18
19	13 68	11 28	9 798	9 538	89 28	195	55 5	29 2	16 9	12 48	8 288	5 338	19
20	13 58	11 28	9 788	9 608	104 8	191	54 3	28 5	16 7	12 38	8 188	5 278	20
21	13 48	11 18	9 738	9 658	122 8	184	53 2	27 9	16 5	12 18	8 088	5 208	21
22	13 38	11 18	9 688	9 798	139 8	177	52 3	27 4	16 5	12 08	7 988	5 128	22
23	13 28	11 08	9 658	9 918	154 8	168	51 9	26 9	16 5	11 88	7 788	5 038	23
24	13 18	10 98	9 628	10 1 8	170 8	161	49 4	26 4	16 5	11 78	7 658	5 008	24
25	13 08	10 98	9 608	10 3 8	191 8	156	47 9	25 9	16 5	11 58	7 588	4 938	25
26	13 08	10 88	9 598	10 5 8	205 E	148	46 5	25 3	16 18	11 48	7 448	4 878	26
27	12 98	10 78	9 588	10 8 8	222 A	142	45 2	24 9	15 98	11 38	7 358	4 808	27
28	12 88	10 78	9 588	11 2 8	234	135	44 4	24 6	15 78	11 18	7 228	4 728	28
29	12 78		9 538	11 5 8	249	128	43 8	24 2	15 58	11 08	7 118	4 658	29
30	12 78		9 508	12 0 8	264	122	42 2	23 7	15 38	10 88	7 008	4 608	30
31	12 68		9 488		276		41 8	23 1		10 78		4 538	31
TOTAL	432 3	323 7	306 27	294 27	2 926 4	6 235	2 061 6	975 1	554 1	400 0	261 98	174 05	TOTAL
MEAN	13 9	11 6	9 84	9 81	94 5	208	66 5	31 5	18 5	12 9	8 72	5 61	MEAN
MAX	15 5	12 5	10 6	12 0	276	276	117	41 0	22 7	15 2	10 5	6 92	MAX
MIN	12 6	10 7	9 48	9 38	12 5	122	41 8	23 1	15 3	10 7	7 00	4 53	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41 0
MAXIMUM DAILY, 276 ON JUN 1
MINIMUM DAILY, 4 538 ON DEC 31
MAXIMUM INSTANTANEOUS,
280 AT 19 07 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 24 00 N
LONG 121 44 30 W
DRAINAGE AREA, 13 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 400	JUL	178 000
FEB	28 000	AUG	84 200
MAR	25 600	SEP	47 900
APR	25 400	OCT	34 600
MAY	253 000	NOV	22 600
JUN	539 000	DEC	15 000

TOTAL DISCHARGE, 1 280 000 dam³

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO 10KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	00	0 8	0 6908	4 34	0 567E	0 509	0 388	0 3848	0 1808	0 0100	1
2	00	00	00	0 8	0 7008	3 85	0 538E	0 486	0 383	0 3748	0 1528	0 0068	2
3	00	00	00	0 8	0 7108	3 29	0 790E	0 457	0 424	0 3648	0 1428	0 0068	3
4	00	NR	00	0 8	0 7228	2 78	0 741E	0 431	0 503	0 3528	0 1388	0 0038	4
5	00	00	00	0 8	0 7328	2 45	0 692A	0 425	0 535	0 3428	0 1308	0 8	5
6	00	00	00	0 8	0 7458	2 22	0.668	0.420	0 542	0 3348	0 1228	0 8	6
7	00	00	00	0 8	0 7558	2 38	0 611	0.402	0 542	0.3258	0 1188	0 8	7
8	00	00	00	0 8	0 7658	3 05	0 558	0 383	0 521	0 3158	0 1108	0 8	8
9	00	00	00	0 8	0 7758	3 41	0 516	0 364	0 505	0 3098	0 1068	0 8	9
10	00	00	00	0 8	0 7898	3 46	0 486	0 360	0 489	0 3008	0 0988	0 8	10
11	00	00	00	0 8	0 7908	3 84	0 485	0 361	0 481	0 2938	0 0948	0 8	11
12	00	00	00	0 8	0 8008	3 86	0 617	0 382	0 478	0 2848	0 0888	0 8	12
13	00	00	00	0 8	0 8058	3 46	0.702	0 438	0 467	0 2788	0 0828	0 8	13
14	00	00	00	0 8	0 8158	2 98	0.716	0 525	0 459	0 2718	0 0788	0 8	14
15	00	00	00	0 8	0.8258	2.57	0.677	0 541	0 452	0.2648	0 0728	0 8	15
16	00	00	00	0 8	0.8408	2.36	0.633	0 522	0 445	0.2588	0 0688	0 8	16
17	00	00	00	0 8	0.8558	2 33	0.587	0 487	0 440	0 2518	0 0628	0 8	17
18	00	00	00	0 8	0.8708	2 24	0.552	0.474	0 436	0 2478	0 0588	0 8	18
19	00	00	00	0 8	0.8858	2.08	0.523	0 460	0 431	0 2418	0 0548	0 8	19
20	00	00	00	0.0308	0.9158	1.88	0.476	0.433	0.428	0.2358	0.0508	0 8	20
21	00	00	00	0.1008	0.9408	1.70	0.436	0.426	0.428	0.2308	0.0468	0 8	21
22	00	00	00	0.3508	0.9758	1.58	0.404	0.423	0.430	0.2258	0.0428	0 8	22
23	00	00	00	0.4508	1.02 8	1.54	0.379	0.409	0.432	0.2208	0.0388	0 8	23
24	00	00	00	0.5208	1.18	1.35	0.359	0.390	0.424	0.2148	0.0348	0 8	24
25	00	00	00	0.5708	1.67	1.23	0.357	0.379	0.415	0.2088	0.0308	0 8	25
26	00	00	00	0.6108	3.03	1 15	0.380	0.370	0.4168	0.2048	0.0288	0 8	26
27	00	00	00	0.6308	5.24	1 08	0.378	0.380	0.4128	0.2008	0.0248	0 8	27
28	00	00	00	0.6508	5.69	1.02	0.433	0.383	0.4088	0.1928	0.0208	0 8	28
29	00		00	0.6658	6.41	0.985A	0.506	0.411	0.4008	0.1848	0.0188	0 8	29
30	00		00	0.6758	6.51	0.938E	0.507	0.406	0.3938	0.1768	0.0138	0 8	30
31	00		00		6.63		0.508	0.399		0.1688		0 8	31
TOTAL	0	0	0	5.318	55.389	71.401	17.378	13.237	13.522	8.244	2.274	0.027	TOTAL
MEAN	0	0	0	0.177	1.78	2.38	0.561	0.427	0.451	0.266	0.078	0.001	MEAN
MAX	0	0	0	0.675	6.69	4.34	0.667	0.541	0.542	0.384	0.180	0.010	MAX
MIN	0	0	0	0	0.690	0.938	0.357	0.380	0.393	0.168	0.013	0	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 6.69 ON MAY 28
MINIMUM DAILY, 00 ON APR 1
MAXIMUM INSTANTANEOUS,
6.63 AT 21:57 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 45 N
LONG 126 04 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 500
FEB	0	AUG	1 140
MAR	0	SEP	1 170
APR	480	OCT	712
MAY	6 790	NOV	180
JUN	6 170	DEC	2.33

TOTAL DISCHARGE, 16 100 dam³

NORTHWEST TERRITORIES

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.70	15.40	13.60	10.6 B	17.2	101	100 E	61.2	31.5	26.7	26.90	25.70	1
2	18.70	15.00	13.50	10.7 B	18.6	102	95.0 E	62.6	31.3	27.7	26.90	25.60	2
3	18.60	15.10	13.60	10.7 B	20.2	106	90.0 E	62.3	30.5	28.9	26.70	25.50	3
4	18.40	15.10	13.50	10.7 B	21.7	112	85.0 E	66.7	31.6	32.6	26.60	25.30	4
5	18.30	15.20	13.60	10.6 B	22.7	113	80.0 E	67.1	31.1	29.6	26.70	24.90	5
6	18.10	14.80	13.60	9.660	24.1	117	76.0 E	68.2	30.7	28.2	25.10	25.00	6
7	18.00	14.70	13.50	9.60	26.6	121	72.5 A	63.6	30.2	28.5	26.90	25.60	7
8	17.90	14.60	13.30	9.52	27.6	120	73.7	62.7	29.6	28.6	26.20	24.30	8
9	17.60	14.60	13.20	9.32	29.7	119	74.6	61.5	29.3	30.3	25.30	23.30	9
10	17.60	14.20	13.10	9.02	32.1	123	71.6	38.5	28.3	30.3	26.30	23.40	10
11	17.60	14.30	13.00	9.11	34.6	127	68.4	38.2	28.5	28.6	27.10	23.40	11
12	17.60	14.40	13.00	9.16	36.9	128	65.2	44.9	28.5	28.6	26.30	23.30	12
13	17.70	14.60	13.00	9.44	39.9	126	66.6	43.5	27.5	28.5	26.40	22.90	13
14	17.60	14.60	12.90	9.38	41.2	130	62.6	38.6	26.6	28.5	26.70	22.40	14
15	17.70	14.10	13.00	9.55	44.2	133	61.6	37.0	31.5	28.3	26.20	22.70	15
16	17.60	13.60	12.60	9.49	48.6	137	60.5	36.7	31.6	28.1	26.00	22.50	16
17	17.50	13.60	12.60	9.24	49.1	136	55.2	37.2	30.1	28.6	27.60	22.00	17
18	17.30	13.70	11.60	9.58	52.0	134	56.0	35.5	28.5	28.7	27.70	22.30	18
19	17.10	13.90	11.70	9.03	54.6	131	53.6	33.6	28.6	29.1	27.60	22.30	19
20	17.20	14.10	11.60	8.07	56.7	132	50.6	34.1	25.6	28.3	27.60	22.10	20
21	17.40	14.10	11.50	7.65	59.1	132	50.6	34.6	26.2	28.6	27.00	21.50	21
22	17.40	13.60	11.50	7.82	61.5	132	50.7	34.4	26.3	30.5	27.40	21.10	22
23	17.00	13.90	11.50	8.55	64.2	132	50.2	33.7	26.6	30.6	27.30	21.30	23
24	16.90	13.70	11.10	8.70	67.6	128 E	49.6	33.7	27.2	29.5	27.20	21.40	24
25	16.50	14.30	11.00	9.20	72.2	124 E	47.6	34.0	28.6	28.6	27.00	21.10	25
26	16.60	14.40	10.80	9.62	69.5	122 E	46.3	32.7	27.2	28.1	27.00	20.40	26
27	16.50	14.40	10.60	11.1	77.7	119 E	45.6	32.0	30.2	28.7	27.10	20.20	27
28	16.40	14.20	11.00	12.1	87.6	117 E	44.5	32.1	30.6	28.6	27.00	19.90	28
29	16.40		10.70	13.6	91.5	116 E	44.5	32.1	30.0	28.40	26.62	19.60	29
30	16.30		10.70	16.0	95.4	115 E	42.6	31.1	27.7	28.50	26.30	19.10	30
31	15.80		10.70		97.5		42.5	33.3		28.50		18.70	31
TOTAL	539.0	407.9	380.5	288.72	1 941.7	3 698	1 849.2	1 174.5	887.7	901.2	839.0	698.8	TOTAL
MEAN	17.4	14.6	12.3	9.62	62.7	123	62.9	37.9	29.6	29.1	28.0	22.5	MEAN
MAX	18.7	15.4	13.6	16.0	97.5	137	100	68.2	36.3	34.3	29.3	25.9	MAX
MIN	15.8	13.5	10.4	7.65	17.2	101	42.5	31.1	25.6	28.6	26.3	18.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.4
MAXIMUM DAILY, 137 ON JUN 16
MINIMUM DAILY, 7.65 ON APR 21
MAXIMUM INSTANTANEOUS
140 AT 14:14 MST ON JUN 16

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 16 N
LONG 117 25 00 W
DRAINAGE AREA, 14 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46 600	JUL	160 000
FEB	36 000	AUG	101 000
MAR	32 900	SEP	76 700
APR	24 900	OCT	77 900
MAY	133 000	NOV	72 500
JUN	320 000	DEC	60 400

TOTAL DISCHARGE, 1 150 000 dam³

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1570	1220	102 B	1010	1210	1620	1 240	1 070	831	887	4100	2540	1
2	1550	1210	102 B	1010	1220	1640	1 260	1 060	823	880	4000	2500	2
3	1520	1200	102 B	1020	1230	1660	1 250	1 040	814	857	3950	2440	3
4	1510	1160	101 B	1030	1240	1710	1 250	1 040	806	843	3900	2420	4
5	1500	1160	101 B	1040	1250	1730	1 250	1 030	794	848	3840	2400	5
6	1560	1170	101 B	1040	1260	1750	1 250	1 010	784	847	3770	2360	6
7	1560	1160	100 B	1050	1270	1800	1 240	993	776	846	3700	2320	7
8	1540	1150	99.00	1050	1280	1830	1 240	980	771	835	3620	2290	8
9	1520	1140	98.00	1050	1290	1870	1 230	981	766	833	3580	2260	9
10	1510	1130	98.00	1060	1300	1930	1 240	977	764	835	3510	2230	10
11	1500	1120	97.00	1070	1310	2050	1 240	960	758	824	3480	2200	11
12	1480	1120	96.00	1070	1320	2900	1 230	961	746	807	3400	2180	12
13	1460	1110	95.00	1060	1330	4200	1 230	960	736	6000	3350	2140	13
14	1440	1110	95.00	1080	1340	6600	1 220	972	730	5700	3300	2110	14
15	1440	1100	94.00	1090	1350	7400	1 220	957	724	5600	3210	2080	15
16	1420	1090	93.00	1100	1360	8000	1 210	950	718	5500	3180	2060	16
17	1410	1080	92.00	1100	1370	8300	1 200	950	717	5400	3120	2030	17
18	1400	1070	92.00	1110	1380	8600	1 190	950	712	5300	3080	2000	18
19	1390	1070	92.00	1120	1400	8600	1 190	931	700	5200	3040	1980	19
20	1370	1060	92.00	1120	1400	8200	1 190	922	703	5100	3000	1970	20
21	1360	1060	93.00	1130	1410	8600	1 180	916	694	5000	2950	1930	21
22	1340	1050	93.00	1140	1420	8600	1 170	906	687	4900	2900	1910	22
23	1330	1050	94.00	1150	1430	1 0200	1 160	900	670	4800	2850	1900	23
24	1310	1050	95.00	1160	1460	1 060	1 150	888	872	4750	2810	1870	24
25	1300	1050	96.00	1170	1460	1 080	1 140	876	865	4650	2790	1850	25
26	1290	1040	97.00	1180	1500	1 120	1 130	873	860	4590	2730	1830	26
27	1280	1040	98.00	1190	1510	1 150	1 130	865	860	4500	2700	1810	27
28	1260	1030	100 B	1190	1530	1 220	1 110	862	857	4400	2650	1790	28
29	1250		100 B	1200	1550	1 230	1 100	855	860	4350	2610	1780	29
30	1240		100 B	1210	1580	1 240	1 080	847	881	4250	2600	1760	30
31	1230		101 B		1600		1 080	830		4200		1740	31
TOTAL	4 440	3 105	3 012.0	3 304	4 250	18 371	37 020	29 390	21 947	17 085	8 774	6 471	TOTAL
MEAN	143	111	97.2	110	137	846	1 190	947	732	851	226	209	MEAN
MAX	157	122	102	121	160	1 240	1 260	1 070	831	887	410	264	MAX
MIN	123	104	92.0	101	121	162	1 080	830	665	430	260	174	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 436
MAXIMUM DAILY, 1 260 ON JUL 2
MINIMUM DAILY, 92.00 ON MAR 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 00 N
LONG 95 51 15 W
DRAINAGE AREA, 72 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	384 000	JUL	3 200 000
FEB	268 000	AUG	2 500 000
MAR	260 000	SEP	1 900 000
APR	285 000	OCT	1 480 000
MAY	368 000	NOV	844 000
JUN	1 670 000	DEC	560 000

TOTAL DISCHARGE, 13 800 000 dam³

RAZAN RIVER AT OUTLET OF SONADAI LAKE - STATION NO. 09LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	93.00	77.10	64.00	53.00	81.70	90.3	273	228	200	187	162	1510	1
2	93.30	76.70	64.00	53.60	81.70	94.1	271	227	194	187	166	1500	2
3	91.70	76.30	63.00	53.30	81.00	99.6	270	227	188	181	166	1490	3
4	91.10	75.90	63.00	53.00	81.00	107	270	230	192	180	163	1480	4
5	90.50	75.50	62.50	52.70	81.00	116	269	235	191	180	164	1480	5
6	90.00	75.00	62.10	52.40	81.00	120	264	230	192	183	163	1458	6
7	89.50	74.50	61.70	54.00	81.40	127	263	224	190	183	160	1440	7
8	89.00	74.00	61.30	55.00	81.40	137	264	226	189	180	160	1430	8
9	88.50	73.50	60.90	56.00	81.30	145	266	225	191	180	161	1420	9
10	88.00	73.00	60.50	55.00	81.30	151	263	224	187	189	161	1410	10
11	87.50	72.60	60.20	71.00	81.00	150	259	219	189	184	179	1400	11
12	87.00	72.20	59.90	76.00	81.00	167	254	221	187	188	177	1388	12
13	86.50	71.80	59.60	61.00	82.30	176	251	230	188	184	176	1388	13
14	86.00	71.40	59.30	62.00	83.7	188	247	219	187	187	173	1378	14
15	85.50	71.00	59.00	63.00	83.0	198	244	215	191	185	173	1368	15
16	85.00	70.60	58.70	62.00	83.5	206	246	216	189	178	1720	1388	16
17	84.50	70.20	58.40	62.00	82.6	215	250	212	183	183	1700	1358	17
18	84.00	69.80	58.10	62.70	81.5	220	252	207	170	183	1660	1340	18
19	83.50	69.40	57.80	62.00	81.6	227	253	203	175	183	1650	1330	19
20	83.00	69.00	57.50	62.50	82.0	235	253	205	178	189	1640	1320	20
21	82.50	68.60	57.20	62.40	82.0	247	252	201	181	189	1630	1310	21
22	82.00	68.20	56.90	62.30	85.1	252	251	202	180	189	1620	1310	22
23	81.50	67.80	56.60	62.70	83.6	256	251	202	181	184	1605	1300	23
24	81.00	67.20	56.32	63.3	82.10	263	252	202	180	183	1595	1290	24
25	80.50	66.60	56.00	62.00	82.0	264	250	205	189	186	1585	1280	25
26	80.00	66.00	55.70	62.00	81.7	267	248	203	187	182	1570	1268	26
27	79.50	65.50	55.40	61.00	82.1	270	239	202	188	182	1560	1270	27
28	79.00	65.00	55.10	61.00	82.6	272	234	202	186	184	1550	1270	28
29	78.50		54.80	61.00	83.5	272	239	200	187	186	1530	1260	29
30	78.00		54.50	61.00	84.5	272	240	198	186	185	1520	1250	30
31	77.50		54.20		86.4		235	201		183		1240	31
TOTAL	2 636.0	1 994.4	1 835.2	2 162.8	2 555.5	5 615.2	7 673	6 656	5 657	5 824	5 119	4 226	TOTAL
MEAN	85.0	71.2	59.9	72.8	82.4	194	264	215	188	188	171	136	MEAN
MAX	93.0	77.1	64.5	63.0	86.4	272	273	230	200	194	186	151	MAX
MIN	77.5	65.0	54.2	52.4	81.3	90.3	234	198	170	170	152	124	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 143
MAXIMUM DAILY, 273 ON JUL 1
MINIMUM DAILY, 52.40 ON APR 6
MAXIMUM INSTANTANEOUS,
275 AT 14 15 CST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 40 N
LONG 100 56 20 W
DRAINAGE AREA, 21 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	228 000	JUL	650 000
FEB	172 000	AUG	575 000
MAR	158 000	SEP	488 000
APR	188 000	OCT	503 000
MAY	221 000	NOV	442 000
JUN	502 000	DEC	365 000

TOTAL DISCHARGE, 4 520 000 dam³

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	00	00	00	00	0 B	0.4008	57.6	20.7	21.3	39.7	4.52 B	0.1008	1
2	00	00	00	00	0 B	0.6108	62.6	19.6	18.7	34.9	4.21 B	0.0308	2
3	00	00	00	00	0 B	0.8808	60.4	19.0	24.3	35.7	3.97 B	0 B	3
4	00	00	00	00	0 B	1.20 B	57.5	16.5	33.7	35.9	3.70 B	0 B	4
5	00	00	00	00	0 B	1.81 B	54.4	16.0	35.9	32.9	3.47 B	0 B	5
6	00	00	00	00	0 B	2.09 B	52.4	17.4	41.5	33.5	3.27 B	0 B	6
7	00	00	00	00	0 B	2.61 B	48.9	16.9	46.4	33.0	3.06 B	0 B	7
8	00	00	00	00	0 B	2.82 B	47.1	16.3	48.4	31.1	2.89 B	0 B	8
9	00	00	00	00	0 B	3.45 B	46.4	15.5	48.0	28.8	2.72 B	0 B	9
10	00	00	00	00	0 B	5.80 B	44.1	15.0	41.8	26.9	2.56 B	0 B	10
11	00	00	00	00	0 B	22.0 B	45.8	14.8	43.7	25.4	2.44 B	0 B	11
12	00	00	00	00	0 B	80.0 B	45.7	14.8	44.0	24.6	2.32 B	0 B	12
13	00	00	00	00	0 B	168 B	43.9	17.7	41.5	24.6	2.20 B	0 B	13
14	00	00	00	00	0 B	208 B	46.2	21.6	41.6	21.6	2.08 B	0 B	14
15	00	00	00	00	0 B	236 B	48.3	23.6	46.2	21.3	2.00 B	0 B	15
16	00	00	00	00	0 B	261 B	47.1	24.3	43.3	18.4 B	1.88 B	0 B	16
17	00	00	00	00	0 B	268 B	47.1	23.7	43.1	16.2 B	1.82 B	0 B	17
18	00	00	00	00	0 B	255	45.3	22.7	57.4	14.4 B	1.46 B	0 B	18
19	00	00	00	00	0 B	233	41.6	21.5	55.6	13.0 B	1.30 B	0 B	19
20	00	00	00	00	0 B	208	37.7	20.4	51.0	11.7 B	1.18 B	0 B	20
21	00	00	00	00	0 B	184	35.5	19.4	47.6	10.7 B	1.02 B	0 B	21
22	00	00	00	00	0 B	160	35.0	18.5	48.5	9.608	0.9108	0 B	22
23	00	00	00	00	0 B	148	34.2	17.6	50.6	8.908	0.8008	0 B	23
24	00	00	00	00	0 B	146	32.4	17.1	53.5	8.208	0.6908	0 B	24
25	00	00	00	00	0 B	134	30.5	17.4	53.8	7.508	0.5908	0 B	25
26	00	00	00	00	0 B	118	29.1	18.5	57.5	7.008	0.5008	0 B	26
27	00	00	00	00	0 B	109	27.5	20.0	60.5	6.438	0.4108	0 B	27
28	00	00	00	00	0 B	95.1	26.3	20.5	60.9	5.958	0.3208	0 B	28
29	00		00	00	0.0308	79.0	24.9	21.3	64.9	5.568	0.2408	0 B	29
30	00		00	00	0.1208	71.7	23.4	18.9	68.0	5.168	0.1808	0 B	30
31	00		00		0.2208		22.0	21.4		4.828		0 B	31
TOTAL	0	0	0	0	0.370	3 217.570	1 214.4	595.0	1 385.8	593.28	58.080	0.130	TOTAL
MEAN	0	0	0	0	0.012	107	42.4	19.2	46.2	19.5	1.95	0.004	MEAN
MAX	0	0	0	0	0.220	268	57.6	24.3	53.3	39.7	4.52	0.100	MAX
MIN	0	0	0	0	0	0.400	22.0	14.8	18.7	4.83	0.180	0	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 268 ON JUN 17
MINIMUM DAILY, 00 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 00 N
LONG 110 31 30 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	114 000
FEB	0	AUG	51 400
MAR	0	SEP	120 000
APR	0	OCT	52 100
MAY	32.0	NOV	5 050
JUN	378 000	DEC	11.2

TOTAL DISCHARGE, 918 000 dam³

NORTHWEST TERRITORIES

KINCHOPPER RIVER NEAR CORAL HARBOUR - STATION NO 08PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0 B	137	---	---	---	---	---	1
2	---	---	---	---	---	0 B	119	---	---	---	---	---	2
3	---	---	---	---	---	0 B	121	---	---	---	---	---	3
4	---	---	---	---	---	0 B	158	---	---	---	---	---	4
5	---	---	---	---	---	0 B	166	---	---	---	---	---	5
6	---	---	---	---	---	0 B	149	---	---	---	---	---	6
7	---	---	---	---	---	0 B	149	---	---	---	---	---	7
8	---	---	---	---	---	0 B	128	---	---	---	---	---	8
9	---	---	---	---	---	0 B	120	---	---	---	---	---	9
10	---	---	---	---	---	0 B	200	---	---	---	---	---	10
11	---	---	---	---	---	0 B	127	---	---	---	---	---	11
12	---	---	---	---	---	0 B	78.7	---	---	---	---	---	12
13	---	---	---	---	---	50 BE	60.9	---	---	---	---	---	13
14	---	---	---	---	---	95 BE	53.0	---	---	---	---	---	14
15	---	---	---	---	---	140 E	57.1	---	---	---	---	---	15
16	---	---	---	---	---	185 E	61.2A	---	---	---	---	---	16
17	---	---	---	---	---	260 A	---	---	---	---	---	---	17
18	---	---	---	---	---	288	---	---	---	---	---	---	18
19	---	---	---	---	---	367 A	---	---	---	---	---	---	19
20	---	---	---	---	---	590	---	---	---	---	---	---	20
21	---	---	---	---	---	711 A	---	---	---	---	---	---	21
22	---	---	---	---	---	868 A	---	---	---	---	---	---	22
23	---	---	---	---	---	870 A	---	---	---	---	---	---	23
24	---	---	---	---	---	1 030 A	---	---	---	---	---	---	24
25	---	---	---	---	---	848 A	---	---	---	---	---	---	25
26	---	---	---	---	---	228 A	---	---	---	---	---	---	26
27	---	---	---	---	---	155	---	---	---	---	---	---	27
28	---	---	---	---	---	376	---	---	---	---	---	---	28
29	---		---	---	---	483	---	---	---	---	---	---	29
30	---		---	---	---	244	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	---	---	7 389.0	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	246	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	1 030	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	0	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JUN 1

SUMMARY FOR THE MONTHS MAY TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 07 55 N
LONG 83 26 25 W
DRAINAGE AREA, 3 160 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	638 000	DEC	---

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO 08HD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 5 B	4 889	2 648	1 958	1 758	2 108	318	126	63.9	51.0	36.7	8.519	1
2	10 2 B	4 769	2 608	1 958	1 708	3 208	305	123	62.1	50.7	38.6	8.148	2
3	9 908	4 648	2 568	1 948	1 698	4 608	287	120	60.7	50.9	36.5 B	7.808	3
4	9 608	4 528	2 538	1 938	1 698	6 208	273	118	59.6	51.5	34.5 B	7.488	4
5	9 308	4 408	2 508	1 928	1 698	9 008	263	114	59.2	50.7	32.5 B	7.208	5
6	9 098	4 288	2 468	1 908	1 698	13.0 B	255	113	58.8	50.7	30.8 B	6.938	6
7	8 868	4 188	2 468	1 898	1 698	17.5 B	245	110	57.9	50.8	28.8 B	6.688	7
8	8 678	4 088	2 448	1 858	1 688	26.2	238	108	57.5	50.5	27.2 B	6.448	8
9	8 468	3 988	2 428	1 878	1 688	42.7	228	103	56.6	50.8	25.8 B	6.218	9
10	8 258	3 908	2 408	1 868	1 688	62.3	222	98.6	56.1	50.3	24.3 B	6.008	10
11	8 068	3 818	2 388	1 858	1 688	70.6	212	96.5	55.0	49.9	23.1 B	5.808	11
12	7 878	3 728	2 368	1 848	1 688	80.6	206	94.2	55.2	49.6	21.9 B	5.618	12
13	7 688	3 648	2 338	1 838	1 678	136	196	92.4	54.3	49.7	20.6 B	5.428	13
14	7 498	3 578	2 308	1 828	1 678	210	190	88.7	54.3	49.0	19.7 B	5.238	14
15	7 308	3 508	2 288	1 818	1 678	282	187	88.2	54.7	48.7	18.7 B	5.058	15
16	7 148	3 348	2 268	1.808	1 678	362	186	85.3	54.5	49.2	17.8 B	4.908	16
17	6 988	3 288	2 248	1 798	1.678	416	187	84.1	53.3	49.6	16.9 B	4.768	17
18	6 828	3 228	2 228	1 788	1.668	448	186	82.5	52.8	50.0	16.0 B	4.628	18
19	6 688	3 188	2 208	1 778	1.668	462	186	78.0	51.4	50.8	15.2 B	4.488	19
20	6 508	3.108	2.188	1.768	1.668	464	185	77.8	51.1	51.2	14.5 B	4.358	20
21	6 348	3.048	2.168	1.758	1.668	464	183	76.0	50.9	50.6	13.8 B	4.228	21
22	6 188	2.988	2.148	1.748	1.668	473	178	74.4	51.4	50.2	13.2 B	4.108	22
23	6 028	2.928	2.128	1.738	1.678	461	173	72.7	52.2	50.7	12.6 B	3.988	23
24	5 868	2.868	2.108	1.738	1.678	437	168	71.5	52.0	49.8	12.0 B	3.868	24
25	5 708	2.808	2.088	1.728	1.668	417	161	71.0	52.1	48.4	11.4 B	3.758	25
26	5 598	2.768	2.068	1.728	1.668	401	155	69.8	52.1	47.3	10.8 B	3.668	26
27	5 478	2.728	2.048	1.718	1.698	391	148	68.9	52.3	45.8	10.3 B	3.578	27
28	5 358	2.688	2.028	1.718	1.708	374	141	68.0	52.0	44.3	9.788	3.488	28
29	5 238		2.008	1.708	1.728	356	136	66.7	51.2	42.9	9.328	3.418	29
30	5 118		1.988	1.708	1.758	333	133	65.0	51.0	41.3	8.908	3.338	30
31	5.008		1.968		1.808		128	64.7		39.9		3.258	31
TOTAL	227.20	100.74	70.47	54.36	52.26	7 237.20	6 255	2 768.8	1 647.2	1 518.7	814.00	182.24	TOTAL
MEAN	7.33	3.60	2.27	1.81	1.69	241	202	89.3	54.9	48.9	26.5	5.23	MEAN
MAX	10.5	4.88	2.64	1.96	1.80	473	315	126	63.9	51.5	38.7	8.51	MAX
MIN	5.00	2.68	1.96	1.70	1.65	2.10	128	64.7	50.9	39.9	8.00	3.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.7
MAXIMUM DAILY, 473 ON JUN 22
MINIMUM DAILY, 1.65B ON MAY 16
MAXIMUM INSTANTANEOUS,
535 AT 19:00 CST ON JUN 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 20 N
LONG 96 27 50 W
DRAINAGE AREA, 7 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 600	JUL	540 000
FEB	8 700	AUG	239 000
MAR	6 080	SEP	142 000
APR	4 700	OCT	131 000
MAY	4 520	NOV	53 000
JUN	625 000	DEC	14 000

TOTAL DISCHARGE, 1 790 000 dam³

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO 06LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15 0B	12 8B	10 7 B	9 00B	7 71B	7 22B	154	167	140	115	94 5	54 5B	1
2	15 0B	12 7B	10 7 B	9 02B	7 64B	7 45B	158	166	140	115	90 3	54 0B	2
3	14 9B	12 6B	10 6 B	9 00B	7 61B	7 80B	156	165	139	110	87 8	53 0B	3
4	14 9B	12 5B	10 6 B	8 96B	7 59B	8 20B	159	166	137	107	90 1	52 8B	4
5	14 8B	12 5B	10 5 B	8 95B	7 54B	9 00B	160	166	135	112	90 1	51 5B	5
6	14 7B	12 4B	10 5 B	8 90B	7 50B	11 0 B	160	162	132	113	88 3	50 5B	6
7	14 6B	12 3B	10 4 B	8 80B	7 44B	13 5 B	162	164	128	109	84 0B	50 0B	7
8	14 5B	12 2B	10 4 B	8 75B	7 41B	16 9 B	166	161	127	108	81 0B	49 0B	8
9	14 5B	12 1B	10 3 B	8 59B	7 39B	20 0 B	168	159	129	107	79 0B	48 5B	9
10	14 4B	12 1B	10 3 B	8 64B	7 34B	25 7	164	161	126	104 B	77 0B	48 0B	10
11	14 3B	12 0B	10 2 B	8 60B	7 29B	31 7	169	159	126	108	76 0B	47 0B	11
12	14 2B	12 0B	10 1 B	8 59B	7 24B	41.2	168	154	127	94 6	74 5B	46 5B	12
13	14 1B	12 0B	10 1 B	8 54B	7 22B	80.0	170	161	124	94 5B	73 0B	46 0B	13
14	14 1B	11 9B	10 0 B	8 49B	7 19B	80 1	171	165	121	93 0B	72 0B	45 5B	14
15	14 0B	11 9B	10 0 B	8 41B	7 15B	103	172	162	115	92 0B	70 5B	44 5B	15
16	13 9B	11 8B	10 0 B	8 38B	7 09B	110	171	160	118	91 0B	69 5B	44 0B	16
17	13 9B	11 7B	9 90B	8 34B	7 03B	115	168	158	116	90 5B	68 0B	43 5B	17
18	13 6B	11 5B	9 85B	8 29B	7 00B	119	172	159	119	90 0B	67 0B	43 0B	18
19	13 7B	11 5B	9 78B	8 23B	6 99B	122	172	158	123	89 5B	66 0B	42 5B	19
20	13 6B	11 4B	9 70B	8 18B	6 97B	128	174	155	120	88 5B	65 0B	42 0B	20
21	13 5B	11 4B	9 65B	8 14B	6 94B	131	173	152	118	88 0B	64 0B	41 0B	21
22	13 4B	11 3B	9 59B	8 09B	6 89B	135	173	152	114	87 9B	63 0B	40 5B	22
23	13 4B	11 3B	9 55B	8 04B	6 83B	137	172	153	106	87 5B	62 0B	40 0B	23
24	13 3B	11 2B	9 50B	8 00B	6 80B	139	172	150	111	86 5B	61 0B	39 5B	24
25	13 2B	11 2B	9 41B	7 99B	6 76B	141	174	149	111	83 0B	60 0B	39 0B	25
26	13 1B	11 1B	9 39B	7 98B	6 70B	144	174	147	111	55 8	59 0B	38 5B	26
27	13 1B	11 0B	9 35B	7 89B	6 70B	147	173	148	103	68 5	58 0B	38 1B	27
28	13 0B	11 0B	9 30B	7 83B	6 80B	151	171	147	114	83 3	57 5B	37 9B	28
29	13 0B		9 24B	7 80B	6 90B	151	169	147	116	102	56 5B	37 1B	29
30	12 9B		9 20B	7 78B	6 99B	152	167	142	113	97 3	55 6B	36 9B	30
31	12 7B		9 14B		7 10B		166	136		97 1		36 4B	31
TOTAL	431 8	331 4	307 95	252 41	221 75	2 464 77	5 201	4 851	3 683	2 959 5	2 160 2	1 380 9	TOTAL
MEAN	13 9	11 8	9 93	8 41	7 15	82 2	168	156	122	95.6	72 0	44 5	MEAN
MAX	15 0	12.8	10 7	9 09	7 71	152	174	167	140	115	94 5	54 5	MAX
MIN	12 9	11 0	9.14	7 76	6.70	7 22	154	136	103	55.6	55 5	36 4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.4
MAXIMUM DAILY, 174 ON JUL 30
MINIMUM DAILY, 6.70E ON MAY 26
MAXIMUM INSTANTANEOUS,
182 AT 23:15 CST ON AUG 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 48 00 N
LONG 97 24 00 W
DRAINAGE AREA, 13 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 300	JUL	449 000
FEB	28 600	AUG	419 000
MAR	26 600	SEP	316 000
APR	21 800	OCT	257 000
MAY	19 200	NOV	187 000
JUN	213 000	DEC	119 000

TOTAL DISCHARGE, 2 090 000 dam³

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.6B	22.4B	22.3B	22.1B	21.6B	29.5	38.1	32.5	30.1	27.0	29.8B	21.1B	1
2	22.6B	22.4B	22.3B	22.1B	21.6B	29.4	38.2	32.0	29.7	25.4	29.2B	20.8B	2
3	22.6B	22.4B	22.3B	22.0B	21.7B	29.9A	37.2	32.0	28.6	24.6	28.9B	20.5B	3
4	22.6B	22.4B	22.3B	22.0B	21.7B	30.6E	36.6	33.1	30.1	25.5	28.5B	20.3B	4
5	22.6B	22.4B	22.3B	22.0B	21.6B	31.4E	35.2	33.9	31.1	27.7	28.2B	20.1B	5
6	22.6B	22.4B	22.3B	22.0B	21.6B	32.2E	35.5	33.5	31.5	27.4	27.9B	19.9B	6
7	22.6B	22.4B	22.3B	22.0B	21.6B	32.9E	35.2	33.6	31.7	27.0	27.6B	19.7B	7
8	22.6B	22.4B	22.3B	22.0B	22.0B	33.5E	34.3	33.0	31.8	26.0	27.3B	19.5B	8
9	22.5B	22.4B	22.3B	22.0B	22.3B	33.9E	33.7	32.2	30.8	26.0	27.0B	19.3B	9
10	22.5B	22.4B	22.3B	22.0B	22.6B	34.3E	34.4	31.8	29.9	26.4	26.7B	19.1B	10
11	22.5B	22.4B	22.3B	21.9B	23.0B	35.0E	34.8	31.6	29.3	26.2	26.5B	18.9B	11
12	22.5B	22.4B	22.3B	21.9B	23.3B	35.7E	34.8	33.6	28.9	26.0	26.2B	18.7B	12
13	22.5B	22.4B	22.2B	21.9B	23.8B	36.3E	34.8	36.8	28.1	26.4	25.9B	18.5B	13
14	22.5B	22.4B	22.2B	21.9B	24.0B	36.9E	35.3	40.5	27.3	27.8	25.6B	18.4B	14
15	22.5B	22.4B	22.2B	21.9B	24.5B	37.4E	36.1	37.6	27.5	29.3	25.3B	18.2B	15
16	22.5B	22.4B	22.2B	21.9B	24.8B	37.9E	36.6	35.5	28.1	29.3	25.0B	18.0B	16
17	22.5B	22.4B	22.2B	21.9B	25.1B	38.4E	37.4	34.7	32.1	29.4	24.7B	17.9B	17
18	22.5B	22.4B	22.2B	21.9B	25.5B	36.9E	37.6	34.1	31.7	27.3	24.4B	17.8B	18
19	22.5B	22.3B	22.2B	21.9B	25.9B	38.3E	37.0	33.0	30.5	25.1	24.2B	17.6B	19
20	22.5B	22.3B	22.2B	21.9B	26.3B	39.2A	35.6	31.6	28.4	25.1	23.9B	17.5B	20
21	22.5B	22.3B	22.2B	21.8B	26.8B	39.3	34.3	30.8	25.8	25.3	23.6B	17.4B	21
22	22.5B	22.3B	22.2B	21.8B	27.2B	39.5	33.7	30.2	24.7	25.5	23.3B	17.2B	22
23	22.5B	22.3B	22.2B	21.8B	27.8B	39.7	33.6	29.6	25.7	27.1	23.0B	17.1B	23
24	22.5B	22.3B	22.2B	21.8B	28.3B	40.3	34.2	29.5	27.8	29.2B	22.7B	17.0B	24
25	22.5B	22.3B	22.2B	21.8B	28.8B	39.7	33.7	29.8	29.1	29.9B	22.5B	16.8B	25
26	22.5B	22.3B	22.2B	21.8B	29.2B	38.4	33.1	30.3	30.3	29.5B	22.2B	16.7B	26
27	22.5B	22.3B	22.2B	21.8B	29.7	38.2	33.0	29.9	32.5	28.4B	22.0B	16.6B	27
28	22.4B	22.3B	22.2B	21.8B	29.1	38.6	32.6	30.0	33.5	25.6B	21.7B	16.5B	28
29	22.4B		22.2B	21.8B	28.5	38.1	32.3	30.4	34.0	25.3B	21.5B	16.4B	29
30	22.4B		22.1B	21.8B	28.4	39.2	32.5	29.7	30.7	27.6B	21.3B	16.3B	30
31	22.4B		22.1B		28.6		32.7	29.3		29.2B		16.2B	31
TOTAL	697.0	626.2	689.2	657.2	777.9	1 084.5	1 084.1	1 008.1	892.5	836.0	756.6	566.0	TOTAL
MEAN	22.5	22.4	22.2	21.9	25.1	36.2	35.0	32.5	29.8	27.0	25.2	18.3	MEAN
MAX	22.6	22.4	22.3	22.1	29.7	40.3	38.2	40.5	34.0	29.9	29.8	21.1	MAX
MIN	22.4	22.3	22.1	21.8	21.7	29.4	32.3	29.3	24.7	24.6	21.3	16.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.6
MAXIMUM DAILY, 40.5 ON AUG 14
MINIMUM DAILY, 16.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
41.1 AT 05:05 MST ON AUG 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 06 37 N
LONG 116 58 20 W
DRAINAGE AREA, 15 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	60 300	JUL	93 700
FEB	54 100	AUG	87 100
MAR	59 500	SEP	77 100
APR	58 800	OCT	72 400
MAY	67 200	NOV	65 400
JUN	93 700	DEC	48 900

TOTAL DISCHARGE, 836 000 dam³

NORTHWEST TERRITORIES

LAC LA MARTRE AT LAC LA MARTRE - STATION NO 07TA002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.615	---	---	---	---	1.577	---	---	1.692	1.720	1.593	1.610	1
2	1.620	---	---	---	---	1.578	---	---	1.685	1.733	1.594	1.605	2
3	1.626	---	---	---	---	1.583	---	---	1.741	1.777	1.598	1.607	3
4	1.623	---	---	---	---	1.586	---	---	1.747	1.698	1.587	1.606	4
5	1.622	---	---	---	---	1.593	---	---	1.751	1.785	1.591	1.606	5
6	1.615	---	---	---	---	1.604	---	---	1.757	1.763	1.585	1.609	6
7	1.619	---	---	---	---	1.618	---	---	1.753	1.750	1.585	1.610	7
8	1.630	---	---	---	---	1.618	1.580	---	1.732	1.750	1.587	1.610	8
9	1.622	---	---	---	---	1.621	1.634	---	1.734	1.782	1.582	1.611	9
10	1.619	---	---	---	---	1.630	1.773	---	1.738	1.762	1.576	1.612	10
11	1.616	---	---	---	---	1.634	1.658	---	1.741	1.752	1.574E	1.613	11
12	1.615	---	---	---	---	1.638	1.679	1.622	1.740	1.768	1.575E	1.612	12
13	1.618	---	---	---	---	1.653	1.695	1.621	1.705	1.797	1.576E	1.610	13
14	1.624	---	---	---	---	1.636	1.655	1.579	1.731	1.755E	1.580E	1.611	14
15	1.627	---	---	---	---	1.650	1.658	1.565	1.781	1.710E	1.585E	1.612	15
16	1.621	---	---	---	1.561	1.686	1.722	1.580	1.646	1.645E	1.591E	1.611	16
17	1.625	---	---	---	1.535	1.671	1.767	1.588	1.615	1.590E	1.588E	1.610	17
18	1.626	---	---	---	1.538	1.671	1.767	1.585	1.799	1.572	1.603E	1.606	18
19	1.626	---	---	---	1.538	1.667	1.739	1.585	1.797	1.582	1.609E	1.606	19
20	1.630	---	---	---	1.536	1.681	1.625	1.588	1.729	1.582	1.614E	1.607	20
21	1.627	---	---	---	1.551	1.678	1.702	1.591	1.721	1.578	1.620E	1.607	21
22	1.635	---	---	---	1.541	1.671	1.705A	1.589	1.785	1.593	1.622E	1.608	22
23	1.630	---	---	---	1.539	1.701	1.732	1.590	1.648	1.648	1.621E	1.606	23
24	1.620	---	---	---	1.544	1.669	1.730	1.618	1.620	1.611	1.616	1.609	24
25	1.617	---	---	---	1.546	1.657	1.695A	1.641	1.652	1.607	1.610	1.615	25
26	1.613	---	---	---	1.553	1.652	---	1.655	1.611	1.613	1.604	1.615	26
27	1.616	---	---	---	1.547	1.667A	---	1.648	1.927	1.606	1.605	1.616	27
28	1.615	---	1.640	---	1.545	---	---	1.702	1.807	1.599	1.612	1.609	28
29	1.620		---	---	1.553	---	---	1.701	1.705	1.604	1.614	1.606	29
30	1.624		---	---	1.562	---	---	1.669	1.757	1.605	1.611	1.607	30
31	1.630		---		1.572		---	1.691		1.605		1.608	31
MEAN	1.622	---	---	---	---	---	---	---	1.771	1.682	1.598	1.610	MEAN
MAX	1.637	---	---	---	---	---	---	---	1.927	1.898	1.622	1.616	MAX
MIN	1.613	---	---	---	---	---	---	---	1.655	1.572	1.574	1.606	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.927 ON SEP 27
MINIMUM DAILY, 1.535 ON MAY 17
MAXIMUM INSTANTANEOUS,
2.018 AT 10 55 MST ON SEP 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 15 N
LONG 117 17 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LENED CREEK NEAR SOUTH NAHANNI RIVER - STATION NO 10EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.220B	0.110B	0.080B	0.080B	0.102B	---	2.00	0.647	0.709	0.480B	0.265B	0.225B	1
2	0.220B	0.110B	0.080B	0.080B	0.104B	---	1.93	0.987	0.809	0.480B	0.260B	0.225B	2
3	0.220B	0.110B	0.080B	0.080B	0.105B	---	1.85	1.12	0.805	0.440B	0.260B	0.220B	3
4	0.215B	0.110B	0.080B	0.080B	0.121	---	1.53	1.15	0.842	0.420B	0.260B	0.220B	4
5	0.215B	0.100B	0.080B	0.080B	0.117	---	1.31	1.16	0.880	0.400B	0.260B	0.220B	5
6	0.215B	0.100B	0.080B	0.080B	0.119	---	1.19	1.17	0.814	0.380B	0.255B	0.215B	6
7	0.210B	0.100B	0.080B	0.080B	0.121	---	1.05	1.11	0.777	0.370B	0.255B	0.215B	7
8	0.210B	0.100B	0.080B	0.080B	0.127	---	0.976	0.784	0.754	0.360B	0.255B	0.215B	8
9	0.210B	0.100B	0.080B	0.080B	0.136	---	0.936	0.582	0.751	0.350B	0.250B	0.215B	9
10	0.210B	0.100B	0.080B	0.080B	0.157	---	0.818	0.702	0.704	0.340B	0.250B	0.210B	10
11	0.205B	0.090B	0.080B	0.085B	0.204	---	0.674	0.633	0.680	0.320B	0.250B	0.210B	11
12	0.205B	0.090B	0.080B	0.085B	0.189	---	0.796	0.582	0.617	0.320B	0.250B	0.210B	12
13	0.205B	0.090B	0.080B	0.085B	0.158	---	0.880	0.791	0.597	0.310B	0.245B	0.210B	13
14	0.200B	0.090B	0.080B	0.085B	0.176	---	1.14	0.815	0.578	0.300B	0.245B	0.205B	14
15	0.200B	0.090B	0.080B	0.080B	0.241	---	1.05	0.828	0.561	0.290B	0.245B	0.205B	15
16	0.200B	0.090B	0.080B	0.080B	0.279	---	0.928	0.902	0.487	0.285B	0.245B	0.205B	16
17	0.195B	0.085B	0.080B	0.080B	0.306	---	0.794	1.06	0.480	0.280B	0.245B	0.200B	17
18	0.195B	0.085B	0.080B	0.080B	0.287	---	0.868	1.12	0.452	0.280B	0.240B	0.200B	18
19	0.190B	0.085B	0.080B	0.080B	0.279	---	0.876	1.24	0.441	0.260B	0.240B	0.200B	19
20	0.180B	0.085B	0.080B	0.080B	0.292	---	0.881	1.30	0.421	0.260B	0.240B	0.195B	20
21	0.170B	0.085B	0.080B	0.082B	0.285	---	0.861	1.35	0.413	0.275B	0.240B	0.195B	21
22	0.170B	0.080B	0.080B	0.083B	0.237	---	0.980	1.36	0.389	0.275B	0.235B	0.190B	22
23	0.160B	0.080B	0.080B	0.083B	0.245	---	0.877	1.38	0.417	0.275B	0.235B	0.190B	23
24	0.150B	0.080B	0.080B	0.084B	0.256	---	1.02	1.43	0.402	0.275B	0.235B	0.190B	24
25	0.150B	0.080B	0.080B	0.085B	0.264	---	1.13	1.34	0.441	0.270B	0.230B	0.185B	25
26	0.135B	0.080B	0.080B	0.085B	0.437	---	0.961	1.24	0.432	0.270B	0.230B	0.185B	26
27	0.140B	0.080B	0.080B	0.088B	0.594	---	0.943	1.22	0.383	0.270B	0.230B	0.180B	27
28	0.135B	0.080B	0.080B	0.088B	0.881	---	0.895	1.02	0.460B	0.270B	0.230B	0.180B	28
29	0.130B		0.080B	0.088B	1.56	2.25A	0.740	0.921	0.508B	0.265B	0.225B	0.175B	29
30	0.125B		0.080B	0.100B	3.31	2.15	0.533	0.893	0.500B	0.265B	0.225B	0.175B	30
31	0.120B		0.080B		4.10		0.519	0.833		0.265B		0.175B	31
TOTAL	5.580	2.555	2.480	2.642	16.081	---	32.448	31.647	17.585	9.830	7.333	6.240	TOTAL
MEAN	0.184	0.092	0.080	0.085	0.518	---	1.05	1.02	0.586	0.320	0.244	0.201	MEAN
MAX	0.220	0.110	0.080	0.100	4.10	---	2.00	1.43	0.880	0.460	0.265	0.225	MAX
MIN	0.120	0.080	0.080	0.080	0.102	---	0.519	0.582	0.383	0.265	0.225	0.175	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.080B ON FEB 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 21 45 N
LONG 128 39 45 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	693	JUL	3 990
FEB	333	AUG	3 930
MAR	314	SEP	1 930
APR	328	OCT	884
MAY	1 990	NOV	934
JUN	---	DEC	839

LIARD RIVER AT FORT LIARD - STATION NO 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4000	2000	2250	2100	2 450E	3 880	3 480	3 070	1 900	1 670	4700	2600	1
2	3950	2000	2250	2100	2 700E	5 000	3 320	3 010	1 840	1 630	4600	2650	2
3	3900	2650	2250	2100	2 650A	6 220	3 220	2 890	1 780	1 620	4500	2700	3
4	3850	2650	2200	2100	2 570	6 870	3 200	2 710	1 770	1 440	7020	2750	4
5	3800	2600	2200	2100	2 530	6 640	3 470	2 620	1 740	1 470	7630	2650	5
6	3800	2600	2200	2100	2 440	5 970	3 580	2 520	1 770	1 490	7000	2900	6
7	3750	2750	2200	2100	2 350	5 350	3 620	2 420	1 680	1 490	6500	2950	7
8	3700	2750	2200	2130	2 350	4 970	3 600	2 260	1 940	1 450	6000	3000	8
9	3700	2700	2200	2150	2 450	4 710	3 640	2 150	1 970	1 450	5600	3050	9
10	3650	2650	2200	2230	2 680	4 550	3 430	2 040	1 880	1 410	5200	3150	10
11	3600	2650	2200	2300	3 000	4 500	3 180	1 950	1 840	1 360	4900	3300	11
12	3550	2650	2200	2400	3 110	4 480	2 960	1 870	1 890	1 330	4500	3250	12
13	3550	2600	2150	2500	3 150	4 540	2 780	1 820	1 820	1 290	4200	3300	13
14	3500	2600	2150	2650	3 120	4 750	2 610	1 810	1 770	1 260	3900	3300	14
15	3450	2550	2150	2830	2 990	4 850	2 460	1 810	1 720	1 280	3650	3350	15
16	3450	2550	2150	3050	2 820	4 630	2 320	1 760	1 700	1 280	3450	3350	16
17	3400	2500	2150	3400	2 950	4 400	2 210	1 710	1 680	1 240	3200	3350	17
18	3350	2500	2150	3900	2 860	4 300	2 130	1 700	1 650	1 190	3000	3350	18
19	3350	2450	2150	4400	3 050	4 370	2 080	1 750	1 650	1 150	2850	3350	19
20	3300	2450	2150	5100	3 220	4 980	2 040	1 850	1 820	1 130	2750	3300	20
21	3250	2400	2150	5900	3 330	5 580	2 030	1 980	1 880	1 120	2650	3300	21
22	3250	2400	2100	6900	3 320	5 880	2 090	2 020	1 850	1 130	2600	3250	22
23	3200	2350	2100	8000	3 140	5 450	2 160	2 080	1 830	1 080	2550	3250	23
24	3150	2350	2100	9500	3 140	4 940	2 340	2 120	1 830	1 070	2550	3200	24
25	3150	2350	2100	1 1400	3 310	4 700	2 470	2 120	1 870	1 070	2550	3150	25
26	3100	2300	2100	1 3300	3 350	4 500	2 430	2 110	1 800	1 040	2500	3100	26
27	3050	2300	2100	1 6000	3 250A	4 270	2 360	2 080	1 800	1 010	2500	3050	27
28	3050	2300	2100	1 9500	3 050E	4 070	2 270	2 060	1 680	977	2500	3000	28
29	3000		2100	2 1500	2 950E	3 880	2 220	2 030	1 560	947	2500	2900	29
30	3000		2100	2 3000	2 210A	3 680	3 440	1 980	1 520	926	2550	2850	30
31	2950		2100		3 400		3 330	1 940		8998		2800	31
TOTAL	10 675	7 220	6 690	16 876	91 380	146 980	87 290	66 280	51 660	35 301	13 346	9 955	TOTAL
MEAN	344	258	216	829	2 950	4 900	2 820	2 180	1 720	1 280	445	306	MEAN
MAX	400	290	225	2 300	3 400	5 670	3 580	3 070	1 900	1 480	870	335	MAX
MIN	285	230	210	210	2 350	3 880	2 030	1 700	1 520	889	250	280	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 500
MAXIMUM DAILY, 6 670 ON JUN 4
MINIMUM DAILY, 2100 ON MAR 22
MAXIMUM INSTANTANEOUS,
6 980 AT 15:43 MST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 14 25 N
LONG 123 26 45 W
DRAINAGE AREA, 222 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	922 000	JUL	7 540 000
FEB	624 000	AUG	5 730 000
MAR	578 000	SEP	4 480 000
APR	1 630 000	OCT	3 310 000
MAY	7 890 000	NOV	1 150 000
JUN	12 700 000	DEC	820 000

TOTAL DISCHARGE, 47 400 000 dam³

LIARD RIVER NEAR THE MOUTH - STATION NO 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5300	4000	3050	2620	2 100E	5 100	4 670	3 930	2 220	1 420	7050	3150	1
2	5250	3950	3010	2620	2 500E	5 670	4 390	3 800	2 140	1 370	6950	3160	2
3	5200	3940	3000	2610	3 000E	6 480	4 150	4 040	2 070	1 320	6900	3200	3
4	5150	3880	3000	2610	3 600E	7 530	3 950	4 280	1 980	1 280	6800	3200	4
5	5100	3830	2980	2610	4 200E	8 280	3 890	4 130	1 920	1 270	6750	3260	5
6	5050	3800	2950	2610	4 000E	8 110	3 810	3 820	1 890	1 280	6650	3300	6
7	5020	3760	2930	2610	3 650E	7 410	4 020	3 610	1 880	1 300	6600	3300	7
8	5000	3720	2910	2620	3 700E	6 710	4 080	3 260	1 900	1 320	6550	3700	8
9	4950	3700	2900	2640	3 800E	6 130	4 080	3 010	2 000	1 320	6500	3850	9
10	4900	3670	2900	2800	3 900E	5 760	4 000	2 780	2 080	1 290	6400	3950	10
11	4850	3820	2880	2900	3 850E	5 500	3 870	2 580	2 080	1 270	6300	4050	11
12	4800	3800	2850	2720	3 800E	5 330	3 860	2 420	2 080	1 230	6200	4150	12
13	4750	3550	2850	2750	3 970A	5 250	3 410	2 300	2 010	1 .70	6150	4250	13
14	4700	3530	2820	2800	3 900E	5 320	3 200	2 250	1 960	1 120	6050	4400	14
15	4650	3500	2800	2900	3 650E	5 490	3 050	2 310	1 880	1 080	5900	4500	15
16	4600	3450	2800	3050	3 630E	5 850	2 950	2 350	1 780	1 070	5750	4650	16
17	4600	3440	2800	2300	3 610A	5 650	2 830	2 320	1 720	1 060	5600	4600	17
18	4550	3410	2780	2500	3 820	5 520	2 680	2 240	1 670	1 040	5400	4650	18
19	4500	3380	2760	2950	3 650	5 370	2 580	2 180	1 650	1 010	5200	4700	19
20	4450	3360	2760	4350	3 900E	5 320	2 480	2 180	1 620	940	5000	4770	20
21	4400	3310	2730	4800	4 000E	5 520	2 380	2 200	1 800	905	4800	4850	21
22	4350	3260	2720	5050	4 250	6 000	2 340	2 290	1 970	845	4500	4850	22
23	4350	3250	2710	5560	4 220	6 600	2 350	2 270	1 910	805	4250	4850	23
24	4300	3220	2700	6300	4 010	6 500	2 480	2 380	1 680	8100	4000	4350	24
25	4250	3200	2680	7100	3 790	6 130	2 760	2 390	1 640	8000	3700	4250	25
26	4200	3180	2660	6150	3 650	5 750	2 980	2 420	1 640	7900	3500	4150	26
27	4200	3150	2660	5	4 020	5 500	3 060	2 430	1 680	7810	3300	4100	27
28	4150	3100	2660	1 2000	4 180	5 420	2 940	2 420	1 680	7680	3200	4000	28
29	4100		2650	1 4500	4 100	5 150	2 820	2 390	1 680	7460	3150	3900	29
30	4050		2640	1 7500	4 080	4 910	2 880	2 340	1 660	7300	3150	3850	30
31	4000		2630		4 490		3 440	2 300		7100		3900	31
TOTAL	14 372	9 881	8 717	14 931	117 430	178 300	102 180	83 660	53 410	32 690	18 325	12 553	TOTAL
MEAN	464	353	281	495	3 790	5 940	3 300	2 700	1 780	1 060	541	405	MEAN
MAX	530	400	305	1 750	4 490	6 600	4 670	4 280	2 220	1 430	706	477	MAX
MIN	400	310	262	281	2 100	4 910	2 340	2 180	1 640	710	315	316	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 770
MAXIMUM DAILY, 8 280 ON JUN 5
MINIMUM DAILY, 2610 ON APR 3
MAXIMUM INSTANTANEOUS,
8 490 AT 20:49 MST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 44 50 N
LONG 121 13 25 W
DRAINAGE AREA, 277 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 260 000	JUL	6 630 000
FEB	864 000	AUG	7 600 000
MAR	752 000	SEP	4 810 000
APR	1 290 000	OCT	2 860 000
MAY	10 100 000	NOV	1 000 000
JUN	15 900 000	DEC	1 090 000

TOTAL DISCHARGE, 55 000 000 dam³

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO 07PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 .8	5 100	2 62	0 546	0 570	0 404	0 440	0 4700	---	1
2	---	---	---	0 .8	4 970	2 71	0 486	0 600	0 420	0 440	0 4580	---	2
3	---	---	---	0 0010	3 488	2 83	0 433	0 567	0 413	0 447	0 4260	---	3
4	---	---	---	0 0108	3 16	2 28	0 373	0 592	0 404	0 450	0 4100	---	4
5	---	---	---	0 0730	3 03	2 25	0 313	0 607	0 439	0 485	0 4020	---	5
6	---	---	---	0 0468	3 03	2 23	0 313	0 574	0 394	0 482	0 3868	---	6
7	---	---	---	0 0948	3 14	2 21	0 317	0 526	0 390	0 479	0 3728	---	7
8	---	---	---	0 1038	4 74	2 09	0 262	0 485	0 378	0 484	0 3618	---	8
9	---	---	---	0 1118	4 95	2 04	0 280	0 469	0 375	0 502	0 3480	---	9
10	---	---	---	0 1178	4 95	2 03	0 401	0 460	0 374	0 506	0 3378	---	10
11	---	---	---	0 1278	4 85	2 06	0 416	0 503	0 385	0 485	0 3298	---	11
12	---	---	---	0 1338	4 54	2 09	0 388	0 493	0 396	0 480	0 3148	---	12
13	---	---	---	0 1468	4 33	2 02	0 392	0 482	0 396	0 484	0 3078	---	13
14	---	---	---	0 1628	3 93	1 97	0 401	0 466	0 397	0 2218	0 2938	---	14
15	---	---	---	0 1838	3 70	1 89	0 448	0 437	0 396	0 2329	0 2848	---	15
16	---	---	---	0 2128	3 33	1 77	0 484	0 443	0 395	0 2468	0 2788	---	16
17	---	---	---	0 2538	3 00	1 86	0 746	0 450	0 396	0 2688	0 2878	---	17
18	---	---	---	0 2918	2 74	1 82	1 00	0 423	0 394	0 2898	0 2588	---	18
19	---	---	---	0 3568	2 61	1 63	1 78	0 406	0 402	0 3548	0 2528	---	19
20	---	---	---	0 4378	3 04	1 36	1 85	0 416	0 402	0 4168	0 2468	---	20
21	---	---	---	1 53 B	3 34	1 25	1 54	B 450	B 403	0 4708	0 2408	---	21
22	---	---	---	4 04 B	3 45	1 17	1 37	B 456	B 404	0 5008	0 2358	---	22
23	---	---	---	5 66 B	3 47	1 07	1 22	B 453	B 405	0 5078	0 2298	---	23
24	---	---	---	6 39 B	3 41	1 01	1 12	B 455	B 430	0 5888	0 2258	---	24
25	---	---	---	6 76 B	3 38	0 932	1 04	B 456	B 438	0 5888	0 2218	---	25
26	---	---	---	6 82 B	3 32	0 846	0 954	0 467	0 448	0 5708	0 2188	---	26
27	---	---	---	6 96 B	3 16	0 817	0 868	0 454	0 460	0 5738	0 2148	---	27
28	---	---	---	6 92 B	3 04	0 723	0 827	0 442	0 465	0 5898	0 2088	---	28
29	---		---	6 69 B	2 96	0 624	0 777	0 424	0 468	0 5238	0 2068	---	29
30	---		---	6 34 B	2 84	0 578	0 783	0 420	0 458	0 5128	0 2038	---	30
31	---		---		2 80		0 705	0 408		0 4868		---	31
TOTAL	---	---	---	61 231	118.93	50 261	23 212	14 900	12 292	14 361	8 017	---	TOTAL
MEAN	---	---	---	2 04	3.58	1 68	0 749	0 481	0 413	0 463	0 301	---	MEAN
MAX	---	---	---	6 96	5.10	2 83	1 78	0 570	0 468	0 500	0 470	---	MAX
MIN	---	---	---	0	2 61	0 579	0 262	0 406	0 374	0 221	0 203	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 5 100 ON MAY 1
MINIMUM DAILY, 0.2218 ON OCT 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 54 N
LONG 112 41 59 W
DRAINAGE AREA, 3 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 010
FEB	---	AUG	1 290
MAR	---	SEP	1 070
APR	5 280	OCT	1 240
MAY	3 580	NOV	770
JUN	4 340	DEC	---

TOTAL DISCHARGE, 19 500 dam³

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO 07RD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	79.9E	72.6E	66.6E	60.1E	54.9E	53.0E	77.3	104	133	186	186	184	1
2	79.2E	72.6E	66.6E	59.9E	54.5E	53.2E	76.1	104	134	181	185	183	2
3	79.1E	72.4E	66.4E	59.7E	54.4E	53.8E	76.8	104	135	180	185	183	3
4	78.8E	72.1E	66.2E	59.5E	54.3E	53.8E	76.9	103	136	180	187	183	4
5	78.0E	72.0E	65.9E	59.3E	54.2E	54.0E	79.0	103	136	183	186	182	5
6	78.6E	71.7E	65.7E	59.1E	54.1E	54.5E	80.2	105	136	183	186	182	6
7	78.2E	71.5E	65.5E	58.9E	54.0E	55.0E	80.1	107	139	183	178	182	7
8	78.0E	71.3E	65.3E	58.7E	53.9E	55.7E	80.0	107	140	184	170	181	8
9	77.7E	71.1E	65.0E	58.5L	53.8E	56.8E	80.0	106	141	187	187	180	9
10	77.6E	70.9E	64.8E	58.3E	53.7E	58.0A	80.3	109	142	180	186	189	10
11	77.3E	70.7E	64.6E	58.1E	53.6E	59.2	83.3	111	144	180	186	189	11
12	77.1E	70.5E	64.4E	57.9E	53.5E	61.0	85.3	112	145	187	186	189	12
13	76.8E	70.2E	64.2E	57.7E	53.4E	62.4	86.2	109	146	186	186	187	13
14	76.7E	70.0E	64.0E	57.5E	53.3E	64.0	87.0	116	145	189	186	186	14
15	76.5E	69.8E	63.7E	57.3E	53.2E	65.8	91.6	116	146	176	187	186	15
16	76.3E	69.6E	63.5E	57.1E	53.1E	66.8	93.3	116	149	171	187	186	16
17	76.0E	69.4E	63.3A	56.9E	53.0E	66.6	93.3	122	153	186	187	188	17
18	75.8E	69.2E	63.1E	56.7E	52.9E	70.7	93.5	122	155	184	187	193	18
19	75.6E	69.0E	62.9E	56.5E	52.8E	71.7	92.9	121	155	184	187	184	19
20	75.4E	68.7E	62.7E	56.3E	52.7E	72.1	94.3	122	153	184	187	184	20
21	75.1E	68.5E	62.5E	56.1E	52.6E	72.3	94.9	123	153	187	187	193	21
22	74.9E	68.3E	62.3E	55.9E	52.5E	73.3	95.5	122	151	186	186	193	22
23	74.7E	68.1E	62.0E	55.7E	52.4E	73.7	94.3	123	151	181	186	192	23
24	74.5E	67.9E	61.8E	55.5E	52.3E	73.6	96.5	124	152	181	186	191	24
25	74.3E	67.7E	61.6E	55.3E	52.2E	74.7	97.2	124	153	188	186	190	25
26	74.1E	67.4E	61.4E	55.1E	52.3E	76.2	98.3	124	155	186	186	190	26
27	73.8E	67.2E	61.2E	55.0E	52.4E	76.6	98.6	126	159	170	186	190	27
28	73.6E	67.0E	60.9E	54.8E	52.5E	76.1	99.4	126	147	186	186	190	28
29	73.4E		60.7E	54.6E	52.6E	76.5	101	126	152	184	186	148	29
30	73.2E		60.5E	54.7E	52.7E	77.1	102	126	154	189	184	190	30
31	73.0E		60.3E		52.8E		102	132		172		148	31
TOTAL	2 363.3	1 957.6	1 969.0	1 717.0	1 650.4	1 966.4	2 777.0	3 596	4 390	5 133	5 606	4 630	TOTAL
MEAN	76.2	69.9	63.5	57.2	53.2	65.5	89.6	116	146	166	187	190	MEAN
MAX	79.9	72.6	66.6	60.1	54.9	77.1	102	132	159	176	178	184	MAX
MIN	73.0	67.0	60.3	54.7	52.2	53.0	77.3	103	133	166	184	148	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 178 ON OCT 15
MINIMUM DAILY, 52.2E ON MAY 29
MAXIMUM INSTANTANEOUS,
178 AT 21:30 MST ON OCT 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 30 N
LONG 109 28 30 W
DRAINAGE AREA, 26 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	304 000	JUL	240 000
FEB	188 000	AUG	311 000
MAR	170 000	SEP	378 000
APR	148 000	OCT	443 000
MAY	143 000	NOV	633 000
JUN	169 000	DEC	618 000

TOTAL DISCHARGE, 3 230 000 dam³

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 06OA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	899	111	158	77.5	5.60 B	0B	1
2	0B	0B	0B	0B	0B	0 B	781	104	189	73.8	5.00 B	0B	2
3	0B	0B	0B	0B	0B	0 B	684	97.5	216	70.5	4.00 B	0B	3
4	0B	0B	0B	0B	0B	0 B	553	93.0	280	66.0	3.00 B	0B	4
5	0B	0B	0B	0B	0B	0 B	461	88.1	357	65.2	2.50 B	0B	5
6	0B	0B	0B	0B	0B	0 B	378	85.5	407	61.8	1.50 B	0B	6
7	0B	0B	0B	0B	0B	0 B	304	83.5	386	58.6	1.00 B	0B	7
8	0B	0B	0B	0B	0B	0 B	259	80.5	358	56.0	0.500B	0B	8
9	0B	0B	0B	0B	0B	0.500B	233	79.9	317	54.6	0.200B	0B	9
10	0B	0B	0B	0B	0B	1.00 B	219	78.9	275	53.0	0 B	0B	10
11	0B	0B	0B	0B	0B	2.00 B	222	78.6	244	49.4	0 B	0B	11
12	0B	0B	0B	0B	0B	3.60 B	238	79.6	221	46.5	0 B	0B	12
13	0B	0B	0B	0B	0B	6.00 B	316	83.6	203	40.3	0 B	0B	13
14	0B	0B	0B	0B	0B	12.0 B	425	80.0	190	34.3	0 B	0B	14
15	0B	0B	0B	0B	0B	20.0 B	530	107	177	33.5 B	0 B	0B	15
16	0B	0B	0B	0B	0B	30.0 B	630	251	167	31.5 B	0 B	0B	16
17	0B	0B	0B	0B	0B	70.0 B	674	601	158	30.5 B	0 B	0B	17
18	0B	0B	0B	0B	0B	110 B	637	827	150	27.5 B	0 B	0B	18
19	0B	0B	0B	0B	0B	220 B	586	805	140	25.5 B	0 B	0B	19
20	0B	0B	0B	0B	0B	270 B	480	684	131	24.5 B	0 B	0B	20
21	0B	0B	0B	0B	0B	800 B	393	560	122	23.0 B	0 B	0B	21
22	0B	0B	0B	0B	0B	1 100 B	317	467	114	21.5 B	0 B	0B	22
23	0B	0B	0B	0B	0B	2 000 B	282	354	106	20.5 B	0 B	0B	23
24	0B	0B	0B	0B	0B	2 900 B	226	285	102	18.5 B	0 B	0B	24
25	0B	0B	0B	0B	0B	3 300 B	202	245	97.3	16.5 B	0 B	0B	25
26	0B	0B	0B	0B	0B	2 800 E	183	219	92.9	14.5 B	0 B	0B	26
27	0B	0B	0B	0B	0B	2 270	167	201	87.6	12.5 B	0 B	0B	27
28	0B	0B	0B	0B	0B	1 770	153	187	83.7	11.0 B	0 B	0B	28
29	0B		0B	0B	0B	1 320	141	177	82.8	9.00 B	0 B	0B	29
30	0B		0B	0B	0B	1 050	130	163	80.3	7.50 B	0 B	0B	30
31	0B		0B		0B		120	162		7.00 B		0B	31
TOTAL	0	0	0	0	0	19 983.30	11 783	7 524.7	5 076.6	1 144.50	23.500	0	TOTAL
MEAN	0	0	0	0	0	665	380	243	169	36.9	0.783	0	MEAN
MAX	0	0	0	0	0	3 300	899	827	407	77.5	5.60	0	MAX
MIN	0	0	0	0	0	0	120	78.6	80.3	7.00	0	0	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 215
MAXIMUM DAILY, 3 300B ON JUN 25
MINIMUM DAILY, 0B ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 20 N
LONG 90 26 20 W
DRAINAGE AREA, 11 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	1 020 000
FEB	0	AUG	650 000
MAR	0	SEP	439 000
APR	0	OCT	98 900
MAY	0	NOV	2 030
JUN	1 720 000	DEC	0

TOTAL DISCHARGE, 3 930 000 dam³

MAC CREEK NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.460B	0.240B	0.190B	0.180B	0.600B	34.8	11.1	3.81	3.45	1.58 B	0.455B	0.260B	1
2	0.460B	0.240B	0.190B	0.180B	0.600B	28.7	10.1	4.66	3.34	1.55 B	0.450B	0.255B	2
3	0.450B	0.240B	0.190B	0.180B	0.588	19.6	8.40	4.53	3.39	1.44 B	0.445B	0.250B	3
4	0.450B	0.230B	0.190B	0.180B	0.544	17.8	7.26	4.50	3.66	1.33 B	0.440B	0.245B	4
5	0.440B	0.230B	0.185B	0.180B	0.490	16.6	6.66	4.08	3.96	1.24 B	0.435B	0.240B	5
6	0.440B	0.230B	0.185B	0.180B	0.501	16.6	6.40	3.77	3.74	1.01 B	0.430B	0.235B	6
7	0.440B	0.230B	0.185B	0.180B	0.652	14.2	5.97	3.44	3.82	0.900B	0.430B	0.230B	7
8	0.430B	0.220B	0.185B	0.180B	1.03	13.7	5.70	3.13	3.46	0.840B	0.420B	0.225B	8
9	0.420B	0.220B	0.185B	0.180B	1.55	18.1	5.26	2.90	3.30	0.790B	0.420B	0.220B	9
10	0.420B	0.220B	0.185B	0.180B	2.24	26.6	5.66	2.96	3.10	0.760B	0.415B	0.215B	10
11	0.410B	0.220B	0.180B	0.180B	2.67	30.7	5.70	3.06	3.00	0.710B	0.410B	0.215B	11
12	0.400B	0.215B	0.180B	0.185B	3.20	22.8	5.64	3.25	2.85	0.680B	0.405B	0.210B	12
13	0.400B	0.215B	0.180B	0.185B	1.61	19.1	4.72	4.02	3.01	0.650B	0.400B	0.205B	13
14	0.390B	0.210B	0.180B	0.180B	2.16	19.2	4.22	4.31	2.82	0.620B	0.395B	0.205B	14
15	0.390B	0.210B	0.180B	0.185B	3.27	18.5	4.66	4.10	2.80	0.610B	0.390B	0.200B	15
16	0.380B	0.210B	0.180B	0.190B	3.87	19.9	4.22	3.87	2.77	0.590B	0.385B	0.200B	16
17	0.370B	0.205B	0.180B	0.192B	4.40	17.0	4.15	5.18	2.54	0.580B	0.380B	0.195B	17
18	0.360B	0.205B	0.180B	0.195B	4.80	15.9	4.28	6.08	2.40	0.560B	0.370B	0.190B	18
19	0.350B	0.205B	0.180B	0.195B	4.63	20.6	4.30	6.46	2.48	0.550B	0.370B	0.190B	19
20	0.340B	0.200B	0.180B	0.195B	4.51	21.8	3.60	6.14	2.35	0.540B	0.360B	0.185B	20
21	0.330B	0.200B	0.180B	0.195B	3.52	22.8	3.50	5.43	2.39	0.530B	0.355B	0.180B	21
22	0.320B	0.200B	0.180B	0.195B	3.17	23.9	4.11	5.43	2.48	0.520B	0.345B	0.180B	22
23	0.310B	0.200B	0.180B	0.200B	3.76	20.6	4.17	5.87	2.52	0.510B	0.337B	0.180B	23
24	0.300B	0.195B	0.180B	0.205B	4.26	23.1	3.93	5.88	2.40	0.500B	0.325B	0.175B	24
25	0.290B	0.195B	0.180B	0.205B	4.38	21.8	3.66	5.08	2.37	0.490B	0.315B	0.175B	25
26	0.280B	0.195B	0.180B	0.215B	4.87	21.2	3.17	5.06	2.23	0.480B	0.300B	0.170B	26
27	0.270B	0.195B	0.180B	0.230B	7.40	17.5	3.16	5.94	2.01	0.465B	0.295B	0.170B	27
28	0.270B	0.190B	0.180B	0.250B	13.5	13.0	4.32	4.86	1.88	0.460B	0.285B	0.165B	28
29	0.260B		0.180B	0.300B	24.2	11.8	3.93	4.36	1.990	0.470B	0.280B	0.160B	29
30	0.250B		0.180B	0.300B	45.5	11.1	3.43	3.85	1.970	0.465B	0.270B	0.160B	30
31	0.250B		0.180B		54.3		3.21	3.70		0.460B		0.160B	31
TOTAL	11.330	5.965	5.650	6.075	211.836	582.8	155.88	141.66	84.41	22.936	11.312	6.245	TOTAL
MEAN	0.365	0.213	0.182	0.203	6.83	19.4	5.03	4.56	2.81	0.740	0.377	0.201	MEAN
MAX	0.460	0.240	0.190	0.300	54.3	34.8	11.1	6.46	3.96	1.58	0.455	0.260	MAX
MIN	0.250	0.190	0.180	0.180	0.490	11.1	3.16	2.90	1.88	0.460	0.270	0.160	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 54.3 ON MAY 31
MINIMUM DAILY, 0.160B ON DEC 29
MAXIMUM INSTANTANEOUS,
54.1 AT 11:30 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 12 00 N
LONG 128 45 10 W
DRAINAGE AREA, 214 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	979	JUL	13 500
FEB	515	AUG	12 200
MAR	488	SEP	7 290
APR	525	OCT	1 980
MAY	18 300	NOV	977
JUN	50 400	DEC	540

TOTAL DISCHARGE, 108 000 dam³

NORTHWEST TERRITORIES

MACKENZIE RIVER (ARLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO 10MC005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	11 898	10 712	10 973	10 951	---	---	1
2	---	---	---	---	---	---	11 885	10 705	11 153	10 943	---	---	2
3	---	---	---	---	---	---	11 796	10 702	11 155	10 876	---	---	3
4	---	---	---	---	---	---	11 721	10 866	11 058	10 895	---	---	4
5	---	---	---	---	---	---	11 673	10 953	11 002	10 893	---	---	5
6	---	---	---	---	---	---	11 804	10 966	11 078	10 896	---	---	6
7	---	---	---	---	---	---	11 859	11 015	10 970	10 783	---	---	7
8	---	---	---	---	---	---	11 821	11 066	10 965	10 906	---	---	8
9	---	---	---	---	---	---	11 379	11 136	10 918	---	---	---	9
10	---	---	---	---	---	---	11 336	11 182	10 886	---	---	---	10
11	---	---	---	---	---	---	11 280	11 189	10 852	---	---	---	11
12	---	---	---	---	---	---	11 269	11 142	10 815	---	---	---	12
13	---	---	---	---	---	---	11 461	11 087	10 795	---	---	---	13
14	---	---	---	---	---	---	11 378	11 088	10 785	---	---	---	14
15	---	---	---	---	---	---	11 262	11 081	10 880	---	---	---	15
16	---	---	---	---	---	12 730	11 248	11 035	11 090	---	---	---	16
17	---	---	---	---	---	12 884	11 304	10 971	10 954	---	---	---	17
18	---	---	---	---	---	12 678	11 384	10 885	10 893	---	---	---	18
19	---	---	---	---	11 765	12 350	11 295	10 838	10 899	---	---	---	19
20	---	---	---	---	11 690	12 285	11 199	10 876	10 886	---	---	---	20
21	---	---	---	---	11 670	12 207	---	10 841	10 870	---	---	---	21
22	---	---	---	---	11 962	12 158	---	10 808	10 837	---	---	---	22
23	---	---	---	---	12 015	12 148	---	10 788	11 102	---	---	---	23
24	---	---	---	---	12 088	12 083	---	10 876	11 108	---	---	---	24
25	---	---	---	---	12 196	11 997	---	11 021	11 201	---	---	---	25
26	---	---	---	---	12 316	11 977	---	10 988	11 098	---	---	---	26
27	---	---	---	---	12 516	11 883	---	10 965	10 984	---	---	---	27
28	---	---	---	---	13 804	11 837	10 988	10 946	10 880	---	---	---	28
29	---		---	---	13 216	11 886	10 832	10 933	10 782	---	---	---	29
30	---		---	---	13 781	11 872	10 775	10 877	10 689	---	---	---	30
31	---		---		10 229		10 730	11 030		---		---	31
MEAN	---	---	---	---	---	---	---	10 982	10 938	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	11 180	11 201	---	---	---	MAX
MIN	---	---	---	---	---	---	---	10 700	10 679	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 15 10 N
LONG 134 48 00 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO 10LC013

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	9 670	9 289	9 838	9 831	9 670	---	1
2	---	---	---	---	---	---	9 633	9 304	10 031	9 808	9 589	---	2
3	---	---	---	---	---	---	9 432	---	9 830	9 826	9 837	---	3
4	---	---	---	---	---	---	9 488	---	9 783	9 899	9 649	---	4
5	---	---	---	---	---	---	9 906	---	9 948	9 888	9 877	---	5
6	---	---	---	---	---	---	9 398	---	9 760	9 878	---	---	6
7	---	---	---	---	---	---	9 402	---	9 639	9 843	---	---	7
8	---	---	---	---	---	---	9 537	---	9 902	9 888	---	---	8
9	---	---	---	---	---	---	9 548	---	9 688	9 881	---	---	9
10	---	---	---	---	---	---	9 988	---	9 774	9 883	---	---	10
11	---	---	---	---	---	---	9 674	---	9 818	9 838	---	---	11
12	---	---	---	---	---	---	9 731	---	9 882	9 849	---	---	12
13	---	---	---	---	---	---	9 718	---	9 767	9 888	---	---	13
14	---	---	---	---	---	---	9 802	---	9 886	9 841	---	---	14
15	---	---	---	---	---	---	9 988	---	10 015	9 881	---	---	15
16	---	---	---	---	---	---	9 881	---	9 831	9 671	---	---	16
17	---	---	---	---	---	9 788	9 884	---	9 787	9 838	---	---	17
18	---	---	---	---	---	9 788	9 814	---	9 727	9 838	---	---	18
19	---	---	---	---	---	9 838	9 880	---	9 844	9 818	---	---	19
20	---	---	---	---	10 888	9 878	9 858	---	9 842	9 881	---	---	20
21	---	---	---	---	10 884	9 838	9 831	9 888	9 878	9 884	---	---	21
22	---	---	---	---	10 811	9 888	9 892	9 835	9 888	9 871	---	---	22
23	---	---	---	---	10 838	9 831	9 892	9 888	10 115	9 813	---	---	23
24	---	---	---	---	10 842	9 882	9 888	9 841	10 018	9 878	---	---	24
25	---	---	---	---	10 881	9 837	9 848	9 883	10 002	9 488	---	---	25
26	---	---	---	---	10 878	9 817	9 834	9 887	9 715	9 888	---	---	26
27	---	---	---	---	10 886	9 874	9 882	9 778	9 838	9 821	---	---	27
28	---	---	---	---	10 713	9 888	9 834	9 736	9 878	9 878	---	---	28
29	---		---	---	10 727	9 871	9 813	9 778	9 874	9 881	---	---	29
30	---		---	---	10 781	9 849	9 288	9 822	9 888	9 858	---	---	30
31	---		---		10 784		9 238	9 883		9 882		---	31
MEAN	---	---	---	---	---	---	9 822	---	9 777	9 858	---	---	MEAN
MAX	---	---	---	---	---	---	9 731	---	10 115	9 888	---	---	MAX
MIN	---	---	---	---	---	---	9 238	---	9 848	9 381	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 15 20 N
LONG 133 53 36 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO 10LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25 30	25 30	16 0 B	8 020	5 820	7000	3770E	163	171	117	30 00	32 60	1
2	26 00	25 00	15 7 B	7 820	5 820	7500	3870E	165	184	117	28 70	31 00	2
3	26 30	24 70	15 3 E	7 650	5 860	8000	3540E	158	183	121	27 00	29 70	3
4	26 60	24 40	15 0 B	7 500	6 700	8500	3420E	162	181	122	27 10	28 10	4
5	27 10	24 10	14 8 B	7 370	5 800	8730	3310E	162	180	116	26 00	26 60	5
6	27 40	23 80	14 5 B	7 230	5 900	8780	3150E	163	183	120	26 70	25 20	6
7	27 60	23 40	14 2 B	7 000	6 230	8730	2990E	170	187	116 B	26 70	24 00	7
8	28 00	23 10	13 9 B	6 900	6 700	8400	2830E	164	188	115 B	26 00	22 90	8
9	28 10	22 80	13 6 B	6 800	7 000	8000	2730E	200	184	112 B	27 10	21 90	9
10	28 30	22 60	13 3 B	6 700	8 700	7600	2600E	212	160	109 B	27 00	20 90	10
11	28 30	22 20	13 0 B	6 620	10 5 B	7100	2500E	211	154	106 B	28 40	20 10	11
12	28 30	21 90	12 6 B	6 550	14 0 B	6500	2700E	203	148	102 B	29 80	19 20	12
13	28 30	21 50	12 5 B	6 440	23 5 B	6100	2910E	194	147	99 00	31 00	18 50	13
14	28 30	21 20	12 2 B	6 300	30 0 B	5800	2870E	190	143	95 60	33 20	17 80	14
15	28 20	20 80	11 9 B	6 200	53 0 B	535	2620E	184	172	92 60	33 70	17 20	15
16	28 10	20 50	11 7 B	6 200	70 0 B	504	2910E	175	162	89 00	34 90	16 60	16
17	28 20	20 20	11 4 B	6 120	85 0 B	479	2740E	165	163	85 00	36 10	16 00	17
18	28 10	19 80	11 2 B	6 060	113 B	455	2560E	154	156	81 00	37 30	15 50	18
19	28 00	19 60	10 8 B	6 000	135 B	428	2380E	147	143	77 00	38 40	15 00	19
20	27 90	19 30	10 6 B	5 950	165 B	407	2090E	150	129	72 60	39 20	14 70	20
21	27 70	18 90	10 4 B	5 910	195 B	3940E	1660A	1460A	127	66 20	40 00	14 30	21
22	27 50	18 60	10 2 B	5 840	235 B	3750E	183	1520E	161	60 60	40 20	13 90	22
23	27 30	18 30	9 900	5 800	276 B	3670E	175	1570E	167	56 00	40 40	13 60	23
24	27 10	18 00	9 630	5 750	315 B	3750E	167	1610A	166	51 20	40 30	13 30	24
25	26 90	17 80	9 400	5 730	353 B	3880E	160	172	166	47 20	40 10	12 90	25
26	26 70	17 30	9 180	5 700	400 B	3880E	180	180	176	44 00	39 10	12 60	26
27	26 50	17 00	8 980	5 670	450 B	3880E	166	180	186	40 50	38 00	12 40	27
28	26 30	16 70	8 760	5 640	500 B	3710E	154	168	143	38 00	37 00	12 20	28
29	26 00		8 560	5 630	550 B	3880E	144	156	132	35 40	35 50	12 00	29
30	25 80		8 360	5 630	600 B	3880E	130	175	122	33 20	34 00	11 80	30
31	25 50		8 180		650 B		131	170		31 00		11 60	31
TOTAL	848 2	588 5	305 88	193 10	5 302 04	17 209	7 570	5 244	4 883	2 571 4	1 001 1	574 0	TOTAL
MEAN	27 3	21 0	11 8	6 44	171	574	244	169	163	82 9	33 4	18 5	MEAN
MAX	28 3	25 3	16 0	8 02	650	8730	3770	212	196	123	40 4	32 6	MAX
MIN	25 3	16 7	8 16	5 82	5 82	308	131	130	122	31 0	26 7	11 6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 8780 ON JUN 6
MINIMUM DAILY, 5 630 ON APR 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 22 33 N
LONG 133 46 48 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73 100	JUL 655 000	
FEB	50 800	AUG 453 000	
MAR	31 585	SEP 422 000	
APR	16 700	OCT 222 000	
MAY	453 000	NOV 86 500	
JUN	1 490 000	DEC 49 800	

TOTAL DISCHARGE, 4 010 000 dam³

MACKENZIE RIVER (KALINEX CHANNEL) ABOVE ORIAK CHANNEL - STATION NO 10LC006

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	12.230	11.140	---	---	---	---	1
2	---	---	---	---	---	---	12.170	11.140	---	---	---	---	2
3	---	---	---	---	---	---	12.100	11.261	11.027	---	---	---	3
4	---	---	---	---	---	---	12.060	11.410	11.043	---	---	---	4
5	---	---	---	---	---	---	12.023	11.394	11.000	---	---	---	5
6	---	---	---	---	---	---	11.943	11.370	11.063	---	---	---	6
7	---	---	---	---	---	---	11.847	11.400	11.031	---	---	---	7
8	---	---	---	---	---	---	11.806	11.454	11.070	---	---	---	8
9	---	---	---	---	---	---	11.772	11.530	11.040	---	---	---	9
10	---	---	---	---	---	---	11.720	11.588	11.013	---	---	---	10
11	---	---	---	---	---	---	---	11.589	11.374	---	---	---	11
12	---	---	---	---	---	---	---	11.486	11.338	---	---	---	12
13	---	---	---	---	---	---	---	11.438	11.336	---	---	---	13
14	---	---	---	---	---	---	---	11.406	11.303	---	---	---	14
15	---	---	---	---	---	---	---	11.380	11.484	---	---	---	15
16	---	---	---	---	---	---	---	11.306	11.585	---	---	---	16
17	---	---	---	---	---	---	---	11.212	11.443	---	---	---	17
18	---	---	---	---	---	---	---	11.140	11.398	---	---	---	18
19	---	---	---	---	---	---	---	11.116	11.307	---	---	---	19
20	---	---	---	---	---	---	---	11.181	11.198	---	---	---	20
21	---	---	---	---	---	---	---	11.140	11.208	---	---	---	21
22	---	---	---	---	---	---	---	11.108	11.287	---	---	---	22
23	---	---	---	---	---	---	---	11.086	11.630	---	---	---	23
24	---	---	---	---	---	12.387	---	11.210	11.617	---	---	---	24
25	---	---	---	---	---	12.308	---	---	11.680	---	---	---	25
26	---	---	---	---	---	12.199	---	---	11.648	---	---	---	26
27	---	---	---	---	---	12.200	---	---	11.208	---	---	---	27
28	---	---	---	---	---	12.196	11.285	---	---	---	---	---	28
29	---	---	---	---	---	12.167	11.227	---	---	---	---	---	29
30	---	---	---	---	---	12.150	11.178	---	---	---	---	---	30
31	---	---	---	---	---		11.105	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 23 50 N
LONG 133 49 00 W

REGULATED SINCE 1980

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (MARCUS CHANNEL) BELOW MIDDLE CHANNEL - STATION NO 10MC009

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	10 813	10 136	10 478	10 234	9 995	---	1
2	---	---	---	---	---	---	10 835	10 185	10 706	10 218	10 004	---	2
3	---	---	---	---	---	---	10 787	10 222	10 616	10 244	10 078	---	3
4	---	---	---	---	---	---	10 761	10 481	10 513	10 274	10 067	---	4
5	---	---	---	---	---	---	10 731	10 409	10 648	10 220	10 023	---	5
6	---	---	---	---	---	---	10 647	10 421	10 531	10 278	9 990	---	6
7	---	---	---	---	---	---	10 581	10 484	10 436	10 440	---	---	7
8	---	---	---	---	---	---	10 516	10 487	10 469	10 516	---	---	8
9	---	---	---	---	---	---	10 576	10 587	10 499	10 371	---	---	9
10	---	---	---	---	---	---	10 642	10 616	10 466	10 282	---	---	10
11	---	---	---	---	---	---	10 603	10 576	10 356	10 227	---	---	11
12	---	---	---	---	---	---	10 697	10 488	10 345	10 203	---	---	12
13	---	---	---	---	---	---	10 724	10 434	10 345	10 173	---	---	13
14	---	---	---	---	---	---	10 582	10 468	10 315	10 161	---	---	14
15	---	---	---	---	---	---	10 515	10 370	10 580	10 093	---	---	15
16	---	---	---	---	---	---	10 715	10 324	10 571	10 091	---	---	16
17	---	---	---	---	---	---	10 663	10 266	10 433	10 128	---	---	17
18	---	---	---	---	---	---	10 614	10 232	10 400	10 151	---	---	18
19	---	---	---	---	11 611	---	10 485	10 201	10 294	10 143	---	---	19
20	---	---	---	---	11 463	---	10 426	10 267	10 218	10 096	---	---	20
21	---	---	---	---	11 480	---	10 623	10 237	10 245	10 053	---	---	21
22	---	---	---	---	11 517	---	10 389	10 290	10 452	10 026	---	---	22
23	---	---	---	---	11 567	---	10 370	10 289	10 649	10 029	---	---	23
24	---	---	---	---	11 604	---	10 349	10 398	10 634	9 985	---	---	24
25	---	---	---	---	11 652	---	10 372	10 538	10 669	9 972	---	---	25
26	---	---	---	---	11 705	---	10 432	10 432	10 539	9 942	---	---	26
27	---	---	---	---	11 767	---	10 444	10 463	10 413	9 985	---	---	27
28	---	---	---	---	11 838	---	10 398	10 457	10 346	10 000	---	---	28
29	---		---	---	11 928	10 859	10 236	10 458	10 293	10 006	---	---	29
30	---		---	---	12 060	10 861	10 188	10 581	10 229	9 986	---	---	30
31	---		---		12 276		10 184	10 533		9 980		---	31
MEAN	---	---	---	---	---	---	10 536	10 406	10 463	10 145	---	---	MEAN
MAX	---	---	---	---	---	---	10 813	10 616	10 706	10 516	---	---	MAX
MIN	---	---	---	---	---	---	10 184	10 136	10 218	9 942	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 47 55 N
LONG 134 41 45 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO 10LC012

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	10 576	9 918	10 270	10 044	---	---	1
2	---	---	---	---	---	---	10 491	9 940	10 470	10 018	---	---	2
3	---	---	---	---	---	---	10 434	10 106	10 372	10 041	---	---	3
4	---	---	---	---	---	---	10 428	10 230	10 284	10 070	---	---	4
5	---	---	---	---	---	---	10 401	10 265	10 429	10 032	---	---	5
6	---	---	---	---	---	---	10 339	10 235	10 291	10 005	---	---	6
7	---	---	---	---	---	---	10 287	10 193	10 299	10 390	---	---	7
8	---	---	---	---	---	---	10 300	10 187	10 274	10 301	---	---	8
9	---	---	---	---	---	---	10 309	10 093	10 191	---	---	---	9
10	---	---	---	---	---	---	10 281	10 060	10 197	---	---	---	10
11	---	---	---	---	---	---	10 248	10 130	10 137	---	---	---	11
12	---	---	---	---	---	---	10 412	10 213	10 146	---	---	---	12
13	---	---	---	---	---	---	10 452	10 161	10 161	---	---	---	13
14	---	---	---	---	---	---	10 327	10 140	10 118	---	---	---	14
15	---	---	---	---	---	---	10 291	10 100	10 398	---	---	---	15
16	---	---	---	---	---	---	10 468	10 083	10 220	---	---	---	16
17	---	---	---	---	---	10 834	10 408	10 015	10 201	---	---	---	17
18	---	---	---	---	---	10 836	10 343	10 003	10 103	---	---	---	18
19	---	---	---	---	---	10 734	10 232	10 062	10 081	---	---	---	19
20	---	---	---	---	---	10 685	10 295	10 151	10 019	---	---	---	20
21	---	---	---	---	---	10 682	10 382	10 124	10 083	---	---	---	21
22	---	---	---	---	---	10 677	10 390	10 087	10 284	---	---	---	22
23	---	---	---	---	---	10 685	10 318	10 085	10 434	---	---	---	23
24	---	---	---	---	---	10 674	10 348	10 177	10 463	---	---	---	24
25	---	---	---	---	---	10 610	10 290	10 262	10 441	---	---	---	25
26	---	---	---	---	---	10 623	10 192	10 181	10 281	---	---	---	25
27	---	---	---	---	---	10 634	10 182	10 23	10 174	---	---	---	27
28	---	---	---	---	---	10 626	10 067	10 244	10 122	---	---	---	28
29	---		---	---	---	10 634	10 003	10 249	10 061	---	---	---	29
30	---		---	---	---	10 644	9 955	10 279	10 024	---	---	---	30
31	---		---		---		9 939	10 302		---		---	31
MEAN	---	---	---	---	---	---	10 295	10 149	10 234	---	---	---	MEAN
MAX	---	---	---	---	---	---	10 576	10 378	10 479	---	---	---	MAX
MIN	---	---	---	---	---	---	9 939	9 918	10 019	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 00 57 N
LONG 134 41 32 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (MIDDLE CHANNEL) BELOW RAYMOND CHANNEL - STATION NO 10MC006

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	14 250	12 343	11 110	11 243	10 907	10 421	---	1
2	---	---	---	---	---	14 503	12 282	11 123	11 480	10 908	---	---	2
3	---	---	---	---	---	14 682	12 202	11 242	11 474	10 828	---	---	3
4	---	---	---	---	---	---	12 141	11 412	11 383	10 958	---	---	4
5	---	---	---	---	---	---	12 091	11 388	11 433	10 932	---	---	5
6	---	---	---	---	---	---	11 998	11 406	11 410	10 984	---	---	6
7	---	---	---	---	---	---	11 891	11 513	11 296	11 089	---	---	7
8	---	---	---	---	---	---	11 840	11 601	11 307	11 178	---	---	8
9	---	---	---	---	---	---	11 809	11 675	11 280	11 063	---	---	9
10	---	---	---	---	---	---	11 760	11 717	11 245	10 956	---	---	10
11	---	---	---	---	---	---	11 694	11 691	11 207	10 918	---	---	11
12	---	---	---	---	---	---	11 756	11 610	11 169	10 895	---	---	12
13	---	---	---	---	---	---	11 645	11 585	11 158	10 889	---	---	13
14	---	---	---	---	---	---	11 732	11 550	11 123	10 838	---	---	14
15	---	---	---	---	---	---	11 652	11 484	11 272	10 784	---	---	15
16	---	---	---	---	---	12 892	11 756	11 398	11 377	10 772	---	---	16
17	---	---	---	---	---	12 778	11 610	11 325	11 232	10 895	---	---	17
18	---	---	---	---	11 552	12 664	11 762	11 250	11 193	10 858	---	---	18
19	---	---	---	---	11 567	12 526	11 666	11 215	11 111	10 845	---	---	19
20	---	---	---	---	11 632	12 443	11 599	11 280	11 007	10 736	---	---	20
21	---	---	---	---	11 684	12 404	11 562	11 237	11 015	10 686	---	---	21
22	---	---	---	---	11 750	12 369	---	11 200	11 125	10 621	---	---	22
23	---	---	---	---	11 831	12 386	---	11 187	11 381	10 588	---	---	23
24	---	---	---	---	11 909	12 319	---	11 264	11 344	10 530	---	---	24
25	---	---	---	---	11 989	12 282	---	11 276	11 420	10 484	---	---	25
26	---	---	---	---	12 092	12 268	---	11 361	11 280	10 430	---	---	26
27	---	---	---	---	12 215	12 282	---	11 312	11 158	10 426	---	---	27
28	---	---	---	---	12 347	12 300	11 244	11 318	11 064	10 457	---	---	28
29	---		---	---	12 551	12 261	11 171	11 318	11 003	10 481	---	---	29
30	---		---	---	12 967	12 276	11 126	11 368	10 943	10 481	---	---	30
31	---		---		13 418		11 120	11 407		10 427		---	31
MEAN	---	---	---	---	---	---	---	11 382	11 241	10 768	---	---	MEAN
MAX	---	---	---	---	---	---	---	11 717	11 474	11 178	---	---	MAX
MIN	---	---	---	---	---	---	---	11 110	10 943	10 426	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 17 35 N
LONG 134 25 20 W

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (OUTFLOW MIDDLE CHANNEL) BELOW LANGLEY ISLAND - STATION NO 10MC010

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11 781	10 387	---	10 184	10 035	---	---	1
2	---	---	---	---	---	11 884	10 293	---	10 406	9 994	---	---	2
3	---	---	---	---	---	11 942	10 263	---	10 303	10 032	---	---	3
4	---	---	---	---	---	12 027	10 268	---	10 196	10 075	---	---	4
5	---	---	---	---	---	12 252	10 252	---	10 385	10 013	---	---	5
6	---	---	---	---	---	12 240	10 182	---	10 292	10 064	---	---	6
7	---	---	---	---	---	---	10 184	---	10 158	10 322	---	---	7
8	---	---	---	---	---	---	10 183	---	10 180	10 271	---	---	8
9	---	---	---	---	---	---	10 197	---	10 121	10 111	---	---	9
10	---	---	---	---	---	---	10 173	---	10 113	10 040	---	---	10
11	---	---	---	---	---	---	10 147	---	10 070	9 989	---	---	11
12	---	---	---	---	---	---	10 273	---	10 121	9 952	---	---	12
13	---	---	---	---	---	---	10 343	---	10 133	9 919	---	---	13
14	---	---	---	---	---	---	10 198	---	10 103	9 904	---	---	14
15	---	---	---	---	---	---	10 184	---	10 434	9 903	---	---	15
16	---	---	---	---	---	---	10 388	---	10 264	9 926	---	---	16
17	---	---	---	---	---	---	10 313	---	10 158	9 850	---	---	17
18	---	---	---	---	---	---	10 238	---	10 148	9 948	---	---	18
19	---	---	---	---	---	---	10 118	---	10 003	9 932	---	---	19
20	---	---	---	---	11 187	---	10 053	---	9 978	9 894	---	---	20
21	---	---	---	---	11 188	---	10 072	10 083	10 084	9 883	---	---	21
22	---	---	---	---	11 211	---	10 046	9 994	10 296	---	---	---	22
23	---	---	---	---	11 242	---	10 031	9 986	10 366	---	---	---	23
24	---	---	---	---	11 278	---	10 021	10 106	10 379	---	---	---	24
25	---	---	---	---	11 312	---	10 102	10 217	10 376	---	---	---	25
26	---	---	---	---	11 349	---	10 156	10 100	10 230	---	---	---	26
27	---	---	---	---	11 383	---	10 089	10 184	10 142	---	---	---	27
28	---	---	---	---	11 423	---	9 958	10 177	10 081	---	---	---	28
29	---		---	---	11 461	---	9 999	10 186	10 037	---	---	---	29
30	---		---	---	11 562	10 389	---	10 234	10 006	---	---	---	30
31	---		---		11 883		---	10 216		---		---	31
MEAN	---	---	---	---	---	---	---	---	10 188	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	10 434	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	9 978	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 00 07 N
LONG 135 07 20 W

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER (PEEL CHANNEL) ABOVE ARLAVIK - STATION NO 10MC003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	13 076	11 572	10 437	10 589	10 413	---	--	1
2	---	---	---	---	---	13 096	11 525	10 430	10 931	10 413	---	---	2
3	---	---	---	---	---	---	11 456	10 521	10 868	10 481	---	---	3
4	---	---	---	---	---	---	11 403	10 676	10 772	10 486	---	---	4
5	---	---	---	---	---	---	11 352	10 659	10 841	10 488	---	---	5
6	---	---	---	---	---	---	11 285	10 644	10 786	10 495	---	---	6
7	---	---	---	---	---	---	11 163	10 696	10 684	10 589	---	---	7
8	---	---	---	---	---	---	11 112	10 732	10 674	10 691	---	---	8
9	---	---	---	---	---	---	11 074	10 781	10 631	10 672	---	---	9
10	---	---	---	---	---	---	11 031	10 836	10 619	---	---	---	10
11	---	---	---	---	---	---	10 974	10 845	10 577	---	---	---	11
12	---	---	---	---	---	---	11 137	10 811	10 541	---	---	---	12
13	---	---	---	---	---	---	11 181	10 785	10 518	---	---	---	13
14	---	---	---	---	---	---	11 063	10 775	10 493	---	---	---	14
15	---	---	---	---	---	---	10 977	10 803	10 801	---	---	---	15
16	---	---	---	---	---	12 540	11 105	10 776	10 787	---	---	---	16
17	---	---	---	---	---	12 495	11 155	10 706	10 677	---	---	---	17
18	---	---	---	---	11 370	12 271	11 082	10 610	10 621	---	---	---	18
19	---	---	---	---	11 414	12 140	10 991	10 578	10 514	---	---	---	19
20	---	---	---	---	11 453	12 065	---	10 607	10 484	---	---	---	20
21	---	---	---	---	11 492	11 968	---	10 585	10 398	---	---	---	21
22	---	---	---	---	11 541	11 911	---	10 526	10 453	---	---	---	22
23	---	---	---	---	11 598	11 853	---	10 520	10 440	---	---	---	23
24	---	---	---	---	11 660	11 782	---	10 620	10 482	---	---	---	24
25	---	---	---	---	11 721	11 706	---	10 761	10 544	---	---	---	25
26	---	---	---	---	11 783	11 683	---	10 690	10 623	---	---	---	26
27	---	---	---	---	11 858	11 676	---	10 680	10 706	---	---	---	27
28	---	---	---	---	11 949	11 636	10 845	10 659	10 686	---	---	---	28
29	---		---	---	12 102	11 606	10 670	10 648	10 600	---	---	---	29
30	---		---	---	12 257	11 594	10 514	10 722	10 430	---	---	---	30
31	---		---	---	12 587		10 471	10 747		---		---	31
MEAN	---	---	---	---	---	---	---	10 672	10 574	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	10 845	10 944	---	---	---	MAX
MIN	---	---	---	---	---	---	---	10 430	10 398	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 12 50 N
LONG 135 06 50 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO 10MC011

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	9 715	9 241	9 664	9 580	---	---	1
2	---	---	---	---	---	---	9 687	9 337	9 999	9 596	---	---	2
3	---	---	---	---	---	---	9 667	9 663	9 770	9 551	---	---	3
4	---	---	---	---	---	---	9 677	9 620	9 653	9 587	---	---	4
5	---	---	---	---	---	---	9 595	9 512	9 606	9 534	---	---	5
6	---	---	---	---	---	---	9 519	9 506	9 649	9 587	---	---	6
7	---	---	---	---	---	---	9 538	9 601	9 642	9 667	---	---	7
8	---	---	---	---	---	---	9 580	9 571	9 641	9 608	---	---	8
9	---	---	---	---	---	---	9 617	9 701	9 573	9 622	---	---	9
10	---	---	---	---	---	---	9 580	9 642	9 583	9 562	---	---	10
11	---	---	---	---	---	---	9 586	9 559	9 569	9 490	---	---	11
12	---	---	---	---	---	---	9 535	9 470	9 571	9 467	---	---	12
13	---	---	---	---	---	---	9 738	9 426	9 557	9 426	---	---	13
14	---	---	---	---	---	---	9 578	9 406	9 550	9 397	---	---	14
15	---	---	---	---	---	---	9 535	9 370	9 552	9 410	---	---	15
16	---	---	---	---	---	---	9 518	9 340	9 582	9.461	---	---	16
17	---	---	---	---	---	---	9 717	9 317	9 527	9.470	---	---	17
18	---	---	---	---	---	---	9 630	9 346	9 510	9.462	---	---	18
19	---	---	---	---	---	---	9 468	9 607	9.485	9.448	---	---	19
20	---	---	---	---	---	---	9 480	9 529	9.484	9.419	---	---	20
21	---	---	---	---	---	---	9 504	9.485	9 598	9 387	---	---	21
22	---	---	---	---	---	---	9 485	9.419	9.638	9.390	---	---	22
23	---	---	---	---	---	---	9 484	9 485	9.679	9.403	---	---	23
24	---	---	---	---	---	---	9 447	9.525	9.529	9.390	---	---	24
25	---	---	---	---	---	---	9 548	9 751	9.534	9.371	---	---	25
26	---	---	---	---	---	---	9 544	9.529	9.752	9.350	---	---	26
27	---	---	---	---	---	---	9 519	9.544	9.661	9.390	---	---	27
28	---	---	---	---	---	---	9 361	9.661	9.589	9.427	---	---	28
29	---		---	---	---	9 677	9 312	9.521	9.544	9.424	---	---	29
30	---		---	---	---	9.784	9.266	9.663	9.481	9.412	---	---	30
31	---		---	---	---		9.266	9.663		9.422		---	31
MEAN	---	---	---	---	---	---	9 563	9.529	9 574	9.463	---	---	MEAN
MAX	---	---	---	---	---	---	9 920	9.663	9.999	9.667	---	---	MAX
MIN	---	---	---	---	---	---	9 266	9.241	9.484	9.359	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 01 15 N
LONG 136 33 15 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER ABOVE ARCTIC RED RIVER - STATION NO 10LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 530B	3 300B	3 070B	2 780B	3 580	26 300B	18 400E	10 600	8 260A	9 150	7 200B	3 700B	1
2	3 520B	3 300B	3 060B	2 780B	4 140B	28 000B	18 200E	10 500	8 400	9 150	7 000B	3 600B	2
3	3 510B	3 290B	3 040B	2 780B	5 240B	28 600B	18 500E	10 200	8 430	9 190	6 980B	3 500B	3
4	3 500B	3 290B	3 030B	2 770B	6 200B	26 300B	17 600E	10 100	8 450	9 140	6 850B	3 420B	4
5	3 490B	3 280B	3 020B	2 770B	6 750E	27 800E	16 400A	9 840	8 480	9 140	6 750B	3 350B	5
6	3 490B	3 260B	3 010B	2 760B	7 140B	27 300E	15 600	9 880	8 420	9 160	6 620B	3 280B	6
7	3 460B	3 260B	3 000B	2 760B	7 350B	26 600E	15 000	10 700	8 380	9 200	6 480B	3 200B	7
8	3 470B	3 270B	2 990B	2 760B	7 550B	25 400A	14 400	11 400	8 270	9 210	6 380B	3 140B	8
9	3 460B	3 260B	2 980B	2 760B	7 700B	24 400	13 800	11 500	8 240	9 080	6 240B	3 080B	9
10	3 450B	3 250B	2 970B	2 760B	7 850B	23 700	13 300	11 400	8 240A	9 000	6 100B	3 000B	10
11	3 440B	3 230B	2 960B	2 760B	7 950B	23 600	12 900	11 000	8 280E	9 030	6 000B	2 960B	11
12	3 430B	3 220B	2 950B	2 760B	8 010B	23 600	12 700	10 600	8 340E	9 050	5 880B	2 930B	12
13	3 420B	3 210B	2 940B	2 770B	8 050B	22 900	12 500	10 500	8 400E	9 080	5 760B	2 880B	13
14	3 410B	3 210B	2 930B	2 770B	8 100B	22 000	12 400	10 200	8 450E	9 080	5 620B	2 840B	14
15	3 410B	3 200B	2 920B	2 770B	8 160B	21 200	12 500	9 780	8 500E	8 840	5 500B	2 820B	15
16	3 400B	3 200B	2 910B	2 770B	8 180B	20 500	12 700	9 470	8 550E	8 550B	5 400B	2 810B	16
17	3 400B	3 190B	2 900B	2 770B	8 220B	19 800	12 700	9 180	8 610E	8 480B	5 300B	2 780B	17
18	3 400B	3 180B	2 890B	2 770B	8 240B	19 100	12 700	8 820	8 680E	8 420B	5 180B	2 780B	18
19	3 400B	3 170B	2 880B	2 770B	8 260B	18 500	12 800	8 580	8 710E	8 360B	5 080B	2 780B	19
20	3 390B	3 160B	2 880B	2 770B	8 280B	18 200	12 400	8 160E	8 760E	8 300B	4 980B	2 780B	20
21	3 380B	3 150B	2 870B	2 770B	8 220B	18 100	12 300	8 010E	8 820E	8 220B	4 850B	2 800B	21
22	3 380B	3 140B	2 860B	2 770B	8 100B	18 300	12 100	8 030E	8 870E	8 150B	4 720B	2 820B	22
23	3 380B	3 130B	2 850B	2 780B	8 000B	18 300	11 900A	8 130E	8 920E	8 040B	4 600B	2 880B	23
24	3 370B	3 120B	2 840B	2 780B	7 880B	18 500	11 500E	8 310E	8 980E	7 980B	4 500B	2 950B	24
25	3 360B	3 110B	2 830B	2 780B	11 200B	18 600	11 200E	8 430E	9 030E	7 920B	4 380B	2 920B	25
26	3 350B	3 110B	2 820B	2 780B	13 200B	18 600	11 100E	8 280E	N 080E	7 800B	4 280B	2 950B	26
27	3 340B	3 100B	2 820B	2 800B	15 800B	18 600	11 100E	8 140E	N 130E	7 700B	4 180B	2 980B	27
28	3 330B	3 090B	2 810B	2 850B	19 200B	18 700	11 000E	8 120E	N 190E	7 600B	4 020B	3 020B	28
29	3 330B		2 800B	2 970B	23 000B	18 700	11 000A	8 120E	N 240E	7 500B	3 860B	3 060B	29
30	3 320B		2 800B	3 180B	25 700B	18 900A	10 800	8 220E	N 250E	7 400B	3 800B	3 100B	30
31	3 310B		2 790B		27 300B		10 800	8 330E		7 300B		3 150B	31
TOTAL	105 880	89 730	86 430	83 840	315 920	664 300	414 100	282 680	259 330	263 990	184 850	94 200	TOTAL
MEAN	3 410	3 200	2 930	2 790	10 200	22 100	13 400	9 440	8 640	8 520	5 480	3 040	MEAN
MAX	3 530	3 300	3 070	2 180	27 300	28 000	18 400	11 500	9 250	9 210	7 200	3 700	MAX
MIN	3 310	3 090	2 780	2 780	3 580	18 100	10 800	8 010	8 240	7 300	3 800	2 780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 780
MAXIMUM DAILY, 28 0008 ON JUN 2
MINIMUM DAILY, 2 7808 ON APR 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 21 30 N
LONG 133 33 30 W
DRAINAGE AREA, 1 680 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 150 000	JUL	35 800 000
FEB	7 750 000	AUG	25 300 000
MAR	7 610 000	SEP	22 400 000
APR	7 240 000	OCT	22 800 000
MAY	27 300 000	NOV	14 200 000
JUN	57 400 000	DEC	8 140 000

TOTAL DISCHARGE, 245 000 000 dam³

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4.453	2.678	2.184	---	---	---	1
2	---	---	---	---	---	---	4.256	2.731	2.157	---	---	---	2
3	---	---	---	---	---	8.858	4.079	2.714	2.068	---	---	---	3
4	---	---	---	---	---	8.402	3.880	2.886	2.111	---	---	---	4
5	---	---	---	---	---	8.882	3.708	3.006	2.118	---	---	---	5
6	---	---	---	---	---	9.437	3.543	2.868	2.068	---	---	---	6
7	---	---	---	---	---	9.242	3.362	3.877	2.024	---	---	---	7
8	---	---	---	---	---	9.364	3.172	3.672	1.884	---	---	---	8
9	---	---	---	---	---	9.588	3.037	3.511	1.816	---	---	---	9
10	---	---	---	---	---	9.883	2.928	3.338	1.859	---	---	---	10
11	---	---	---	---	---	9.581	2.859	3.148	1.808	---	---	---	11
12	---	---	---	---	---	9.368	2.884	2.911	1.762	---	---	---	12
13	---	---	---	---	---	9.231	2.847	2.748	1.732	---	---	---	13
14	---	---	---	---	---	9.157	2.898	2.863	1.726	---	---	---	14
15	---	---	---	---	---	4.988	3.008	2.521	1.725	---	---	---	15
16	---	---	---	---	---	4.778	2.888	2.387	1.689	---	---	---	16
17	---	---	---	---	---	4.598	2.804	2.261	1.685	---	---	---	17
18	---	---	---	---	---	4.543	2.884	2.186	1.680	---	---	---	18
19	---	---	---	---	---	4.578	2.816	2.171	1.676	---	---	---	19
20	---	---	---	---	---	4.638	2.708	2.238	1.628	---	---	---	20
21	---	---	---	---	---	4.708	2.688	2.385	1.448	---	---	---	21
22	---	---	---	---	---	4.661	2.483	2.428	---	---	---	---	22
23	---	---	---	---	---	4.634	2.311	2.396	---	---	---	---	23
24	---	---	---	---	---	4.639	2.187	2.317	---	---	---	---	24
25	---	---	---	---	---	4.672	2.128	2.264	---	---	---	---	25
26	---	---	---	---	---	4.764	2.123	2.242	---	---	---	---	26
27	---	---	---	---	---	4.842	2.159	2.248	---	---	---	---	27
28	---	---	---	---	---	4.875	2.228	2.247	---	---	---	---	28
29	---		---	---	---	4.874	2.322	2.274	---	---	---	---	29
30	---		---	---	---	4.887	2.412	2.258	---	---	---	---	30
31	---		---		---		2.515	2.225		---		---	31
MEAN	---	---	---	---	---	---	2.930	2.693	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	4.483	3.958	---	---	---	---	MAX
MIN	---	---	---	---	---	---	2.123	2.188	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 15 N
LONG 128 35 00 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 17.848 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 1 IN 1981

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT SIMPSON - STATION NO 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 5600	2 2000	2 1800	2 1500	4 0000	12 200	11 300	10 200	8 270	6 810	6 570	3 7000	1
2	2 5500	2 2000	2 1800	2 1500	6 8000	12 800	11 000	10 200	8 150	6 780	6 570	3 3000	2
3	2 5300	2 2000	2 1800	2 1500	9 7000	13 500	10 800	10 300	8 060	6 780	6 530	2 9000	3
4	2 5100	2 2000	2 1800	2 1500	8 0000	14 500	10 600	10 700	7 800	6 780	6 490	2 7000	4
5	2 5000	2 2000	2 1800	2 1500	7 0000	15 700	10 200	10 600	7 850	6 780	6 440	2 5000	5
6	2 4900	2 2000	2 1800	2 1500	11 5000	15 300	10 200	10 200	7 780	6 780	6 390	2 6000	6
7	2 4800	2 2000	2 1800	2 1500	11 3000	15 700	10 300	9 750	7 720	6 770	6 330	2 7000	7
8	2 4700	2 2000	2 1800	2 1400	10 6000	13 900	10 300	9 430	7 680	6 770	6 270	2 8500	8
9	2 4600	2 2000	2 1800	2 1400	10 3000	13 300	10 300	9 100	7 740	6 770	6 270	3 0000	9
10	2 4400	2 2000	2 1800	2 1400	10 0000	12 900	10 200	8 850	7 680	6 750	6 230	3 0500	10
11	2 4200	2 1900	2 1700	2 1400	10 3000	12 500	10 000	8 670	7 670	6 750	6 210	3 1000	11
12	2 4100	2 1900	2 1700	2 1400	10 7000	12 100	9 760	8 480	7 630	6 750	6 200	3 1100	12
13	2 4000	2 1900	2 1700	2 1400	11 2000	11 700	9 680	8 250	7 580	6 730	6 200	3 1300	13
14	2 3900	2 1900	2 1700	2 1400	11 0000	11 700	9 230	8 120	7 570	6 720	6 220	3 1500	14
15	2 3800	2 1900	2 1700	2 1400	10 8000	12 000	9 060	8 130	7 570	6 710	6 210	3 1700	15
16	2 3700	2 1900	2 1700	2 1400	10 6000	12 300	8 920	8 170	7 460	6 710	6 200	3 1800	16
17	2 3600	2 1900	2 1700	2 2200	10 6000	12 400	8 770	8 200	7 310	6 700	6 7000	3 1200	17
18	2 3500	2 1900	2 1700	2 3500	10 8000	12 400	8 640	8 200	7 210	6 700	6 6500	3 1000	18
19	2 3400	2 1900	2 1700	2 2900	10 8000	12 300	8 370	8 180	7 140	6 700	6 6000	3 0500	19
20	2 3300	2 1900	2 1700	2 3400	10 8000	12 300	8 280	8 230	7 120	6 700	6 5500	3 0000	20
21	2 3100	2 1900	2 1700	2 3800	11 2000	12 400	8 280	8 270	7 120	6 700	6 5000	2 9500	21
22	2 3000	2 1900	2 1700	2 4300	10 8000	13 000	8 240	8 420	7 130	6 700	6 4000	2 9000	22
23	2 2900	2 1900	2 1600	2 5000	10 900	13 500	8 280	8 550	7 120	6 700	6 3000	2 8700	23
24	2 2800	2 1900	2 1600	2 6000	10 800	13 500	8 110	8 530	7 070	6 650	6 2000	2 8400	24
25	2 2600	2 1900	2 1600	2 7000	10 800	13 200	8 160	8 530	7 080	6 620	5 9000	2 8000	25
26	2 2500	2 1800	2 1600	2 8300	11 100	12 700	8 060	8 610	7 000	6 530	4 8000	2 7800	26
27	2 2400	2 1800	2 1600	2 9800	11 800	12 500	8 190	8 600	6 980	6 670	4 8000	2 7600	27
28	2 2300	2 1800	2 1600	3 1400	11 700	12 300	8 080	8 580	6 830	6 670	4 8000	2 7400	28
29	2 2100		2 1600	3 3100	11 600	12 000	8 000	8 520	6 840	6 670	4 8000	2 7000	29
30	2 2100		2 1600	3 5300	11 400	11 700	8 050	8 450	6 870	6 730	4 2000	2 6800	30
31	2 2000		2 1800		11 800		8 320	8 380		6 880		2 6000	31
TOTAL	73 510	61 350	67 280	72 010	312 800	386 900	291 020	275 510	226 170	208 080	170 770	90 660	TOTAL
MEAN	2 370	2 190	2 170	2 400	10 100	12 900	9 420	8 890	7 670	6 710	5 880	2 930	MEAN
MAX	2 560	2 200	2 180	3 650	11 700	15 300	11 300	10 700	8 270	6 810	6 570	3 700	MAX
MIN	2 300	2 190	2 180	2 140	4 000	11 700	8 260	8 120	6 870	6 470	4 000	2 500	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 120
MAXIMUM DAILY, 15 300 ON JUN 6
MINIMUM DAILY, 2 1400 ON APR 6
MAXIMUM INSTANTANEOUS,
15 400 AT 23 44 MST ON JUN 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 07 N
LONG 121 21 26 W
DRAINAGE AREA, 1 270 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 350 000	JUL	25 200 000
FEB	5 200 000	AUG	23 800 000
MAR	5 810 000	SEP	19 400 000
APR	6 220 000	OCT	18 000 000
MAY	27 000 000	NOV	14 800 000
JUN	33 400 000	DEC	7 850 000

TOTAL DISCHARGE, 193 000 000 dam³

MACKENZIE RIVER AT NORMAN WELLS - STATION NO 10KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 1200	3 0000	2 9300	3 0000	3 7300	23 0000	15 000	12 100	10 000	8 770	6 0000	3 2200	1
2	3 1100	3 0000	2 9300	3 0000	3 8200	21 5000	15 000	12 100	10 700	8 760	5 8100	3 1700	2
3	3 1100	3 0000	2 9300	3 0000	3 9300	20 8000	15 100	13 200	10 600	8 760	5 6100	3 1200	3
4	3 1000	3 0000	2 9300	3 0100	4 0500	20 000	14 800	15 200	10 600	8 720	5 6900	3 0600	4
5	3 1000	3 0000	2 9300	3 0100	4 1800	18 800	14 300	15 900	10 500	8 650	5 4700	3 0100	5
6	3 1000	3 0000	2 9300	3 0100	4 3000	18 700	13 700	14 900	10 900	8 650	5 3300	2 9800	6
7	3 0900	3 0000	2 9300	3 0200	4 4500	19 500	13 300	14 500	10 300	8 700	5 2000	2 9400	7
8	3 0900	3 0000	2 9300	3 0300	4 6200	20 400	13 000	14 100	10 200	8 740	5 0500	2 8900	8
9	3 0800	3 0000	2 9300	3 0400	4 8000	20 700	12 900	13 500	10 100	8 670	5 0000	2 8400	9
10	3 0700	3 0000	2 9300	3 0500	4 9800	20 100	12 800	12 900	9 980	8 640	4 9000	2 7900	10
11	3 0600	3 0000	2 9300	3 0700	5 2000	19 100	12 800	12 400	9 900	8 560	4 7800	2 7600	11
12	3 0600	3 0000	2 9300	3 0900	5 4000	18 400	12 800	12 000	9 810	8 550	4 6800	2 7300	12
13	3 0500	3 0000	2 9300	3 1000	5 6500	17 900	13 000	11 700	9 960	8 640	4 5800	2 6800	13
14	3 0500	3 0000	2 9300	3 1100	5 9800	17 500	13 000	11 300	9 880	8 580	4 4700	2 6600	14
15	3 0400	3 0000	2 9300	3 1200	6 3000	16 800	12 800	11 100	9 860	8 550	4 3800	2 6400	15
16	3 0400	3 0000	2 9300	3 1300	6 6300	16 400	12 800	10 900	9 870	8 520	4 2900	2 6200	16
17	3 0400	3 0000	3 0000	3 1500	7 0300	16 400	12 500	10 800	9 800	8 420	4 2000	2 6000	17
18	3 0300	3 0000	3 0000	3 1700	7 4000	16 700	12 300	10 600	9 660	8 4200	4 1000	2 5800	18
19	3 0300	3 0000	3 0000	3 1700	7 8000	16 800	12 100	11 100	9 560	8 2200	4 0100	2 5700	19
20	3 0300	3 0000	3 0000	3 1900	8 7000	17 000	11 800	11 400	9 420	8 0000	3 9500	2 5800	20
21	3 0200	3 0000	3 0000	3 2000	9 6000	17 000	11 500	11 500	9 330	7 6000	3 8700	2 5800	21
22	3 0200	3 0000	3 0000	3 2300	11 2000	17 400	11 300	11 400	9 230	7 6100	3 7900	2 5800	22
23	3 0100	3 0000	3 0000	3 2600	13 0000	17 200	11 000	11 200	9 270	7 4100	3 7300	2 5800	23
24	3 0100	3 0000	3 0000	3 2900	15 1000	17 100	10 800	11 200	9 260	7 2300	3 6600	2 5800	24
25	3 0100	3 0000	3 0000	3 3100	16 1000	17 500	11 000	11 200	9 280	7 0300	3 5800	2 5800	25
26	3 0100	3 0000	3 0000	3 3300	21 0000	17 600	11 200	11 200	9 280	6 8200	3 5100	2 5700	26
27	3 0100	3 0000	3 0000	3 4300	23 8000	18 000	11 400	11 200	9 000	6 7200	3 4600	2 5800	27
28	3 0100	2 9900	3 0000	3 5000	24 8000	17 800	11 500	11 200	8 940	6 5500	3 3900	2 6000	28
29	3 0100		3 0000	3 5800	25 0000	18 000	11 700	11 100	8 900	6 4100	3 3300	2 6200	29
30	3 0100		3 0000	3 6500	24 8000	18 400	11 800	11 100	8 830	6 2600	3 2800	2 6400	30
31	3 0100		3 0000		24 0000		12 200	11 000		6 1000		2 6600	31
TOTAL	94 930	83 990	92 640	98 240	318 700	550 300	383 700	374 800	294 080	247 530	133 120	84 900	TOTAL
MEAN	3 060	3 000	2 990	3 170	10 280	18 300	12 700	12 100	9 800	7 980	4 440	2 740	MEAN
MAX	3 120	3 000	3 000	3 650	25 000	23 000	15 000	15 500	10 900	8 780	6 000	3 220	MAX
MIN	3 010	2 990	2 990	3 000	3 720	16 400	10 800	10 600	8 830	6 100	3 280	2 550	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 570
MAXIMUM DAILY, 25 0000 ON MAY 25
MINIMUM DAILY, 2 5500 ON DEC 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 16 54 N
LONG 126 50 58 W
DRAINAGE AREA, 1 570 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 170 000	JUL	33 900 000
FEB	7 250 000	AUG	32 400 000
MAR	8 020 000	SEP	25 400 000
APR	8 230 000	OCT	21 400 000
MAY	27 500 000	NOV	11 500 000
JUN	47 500 000	DEC	7 340 000

TOTAL DISCHARGE, 239 000 000 dam³

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO 10KD001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5 749	---	---	---	---	---	1
2	---	---	---	---	---	---	5 656	---	---	---	---	---	2
3	---	---	---	---	---	7 161	5 521	---	---	---	---	---	3
4	---	---	---	---	---	6 811	5 396	---	---	---	---	---	4
5	---	---	---	---	---	6 457	5 277	---	---	---	---	---	5
6	---	---	---	---	---	6 252	5 175	---	---	---	---	---	6
7	---	---	---	---	---	6 171	---	---	---	---	---	---	7
8	---	---	---	---	---	6 463	---	---	4 232	---	---	---	8
9	---	---	---	---	---	6 616	---	---	4 193	---	---	---	9
10	---	---	---	---	---	6 626	---	---	4 162	---	---	---	10
11	---	---	---	---	---	6 488	---	---	4 126	---	---	---	11
12	---	---	---	---	---	6 349	---	---	4 113	---	---	---	12
13	---	---	---	---	---	6 266	---	---	4 101	---	---	---	13
14	---	---	---	---	---	6 136	---	---	4 106	---	---	---	14
15	---	---	---	---	---	6 005	---	---	4 098	---	---	---	15
16	---	---	---	---	---	5 888	---	---	---	---	---	---	16
17	---	---	---	---	---	5 808	---	---	---	---	---	---	17
18	---	---	---	---	---	5 827	---	---	---	---	---	---	18
19	---	---	---	---	---	5 875	---	---	---	---	---	---	19
20	---	---	---	---	---	5 921	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 45 54 N
LONG 128 45 03 W

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2
APPLY 23 402 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ)

REMARKS - THE (LOCAL 1981 ADJ) REFERS TO GSC REVISION NO 2 IN 1981

MACKENZIE RIVER BELOW POINT SEPARATION - STATION NO 10LC011

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	14.806	13.409	13.428	12.886	---	---	1
2	---	---	---	---	---	---	14.737	13.444	13.471	12.878	---	---	2
3	---	---	---	---	---	---	14.838	13.510	13.463	12.884	---	---	3
4	---	---	---	---	---	---	14.516	13.583	13.424	12.905	---	---	4
5	---	---	---	---	---	---	14.438	13.612	13.420	12.908	---	---	5
6	---	---	---	---	---	---	14.318	13.698	13.435	12.917	---	---	6
7	---	---	---	---	---	---	14.196	13.889	13.380	12.949	---	---	7
8	---	---	---	---	---	---	14.105	14.044	13.369	12.978	---	---	8
9	---	---	---	---	---	---	14.008	14.084	13.375	12.920	---	---	9
10	---	---	---	---	---	---	13.927	14.082	13.345	12.864	---	---	10
11	---	---	---	---	---	---	13.848	14.022	13.312	12.858	---	---	11
12	---	---	---	---	---	---	13.817	13.938	13.253	12.857	---	---	12
13	---	---	---	---	---	---	13.802	13.959	13.230	12.828	---	---	13
14	---	---	---	---	---	---	13.748	13.927	13.194	12.822	---	---	14
15	---	---	---	---	---	---	13.736	13.829	13.243	12.799	---	---	15
16	---	---	---	---	---	15.282	13.788	13.725	13.286	12.850	---	---	16
17	---	---	---	---	---	15.130	13.831	13.820	13.227	13.002	---	---	17
18	---	---	---	---	---	15.026	13.884	13.515	13.187	13.286	---	---	18
19	---	---	---	---	---	14.912	13.773	13.438	13.158	---	---	---	19
20	---	---	---	---	---	14.854	13.739	13.412	13.087	---	---	---	20
21	---	---	---	---	---	14.820	13.881	13.388	13.060	---	---	---	21
22	---	---	---	---	---	14.788	13.882	13.378	13.143	---	---	---	22
23	---	---	---	---	---	14.781	13.883	13.389	13.239	---	---	---	23
24	---	---	---	---	---	14.788	13.833	13.449	13.235	---	---	---	24
25	---	---	---	---	---	14.803	13.887	13.476	13.232	---	---	---	25
26	---	---	---	---	---	14.811	13.826	13.463	13.129	---	---	---	26
27	---	---	---	---	---	14.794	13.823	13.427	13.036	---	---	---	27
28	---	---	---	---	---	14.783	13.887	13.403	12.988	---	---	---	28
29	---		---	---	---	14.772	13.872	13.403	12.962	---	---	---	29
30	---		---	---	---	14.778	13.876	13.413	12.928	---	---	---	30
31	---		---		---		13.887	13.466		---		---	31
MEAN	---	---	---	---	---	---	13.867	13.826	13.244	---	---	---	MEAN
MAX	---	---	---	---	---	---	14.858	14.084	13.471	---	---	---	MAX
MIN	---	---	---	---	---	---	13.373	13.378	12.928	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 39 40 N
LONG 134 08 10 W

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO 10FG001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3 050	3 140	3 231	3 131	3 053	2 979	---	1
2	---	---	---	---	---	3 050	3 130	3 259	3 164	3 117	2 968	---	2
3	---	---	---	---	---	3 100	3 120	3 240	3 152	3 102	2 970	---	3
4	---	---	---	---	---	3 100	3 140	3 173	3 135	2 988	2 944	---	4
5	---	---	---	---	---	3 100	3 140	3 127	3 107	3 025	2 934	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	3 150	3 040	3 097	3 100	2 975	2 906	---	7
8	---	---	---	---	---	3 100	3 125A	3 105	3 119	2 980	2 870	---	8
9	---	---	---	---	---	3 150	3 137	3 158	3 122	3 003	2 884	---	9
10	---	---	---	---	---	3 040	3 112	3 177	3 109	2 976	2 920	---	10
11	---	---	---	---	---	3 050	3 093	3 195	3 112	3 007	2 807	---	11
12	---	---	---	---	---	2 800	3 066	3 220	3 103	2 976	2 760	---	12
13	---	---	---	---	---	2 750	3 100	3 111	3 087	2 995	2 613	---	13
14	---	---	---	---	---	2 800	3 126	2 988	3 095	2 976	2 766	---	14
15	---	---	---	---	---	3 100	3 125	3 082	3 102	3 013	2 381	---	15
16	---	---	---	---	---	3 150	3 119	3 174	3 026	2 988	2 723	---	16
17	---	---	---	---	---	3 120	3 060	3 198	2 926	2 983	2 776	---	17
18	---	---	---	---	---	3 130	3 039	3 178	2 982	2 984	2.868A	---	18
19	---	---	---	---	---	3 150	3 106	3 218	3 025	2 998	---	---	19
20	---	---	---	---	---	3 200	3 150	3 243	3 061	2 999	---	---	20
21	---	---	---	---	---	3 220	3 185	3 268	3 088	2 994	---	---	21
22	---	---	---	---	---	3 200	3 213	3 261	3 123	3 026	---	---	22
23	---	---	---	---	---	3 170	3 212	3 263	3 083	3 023	---	---	23
24	---	---	---	---	---	3 150	3 211	3 240	2 993	2 816	---	---	24
25	---	---	---	---	---	3 150	3 208	3 223	3 069	2 821	---	---	25
26	---	---	---	---	---	3 150	3 208	3 181	2 868	2 867	---	---	26
27	---	---	---	---	---	3 150	3 208	3 173	2 935	3 960	---	---	27
28	---	---	---	---	---	3 150	3 210	3 188	2 900	2 947	---	---	28
29	---	---	---	---	---	3 150	3 212	3 176	2 868	3 004	---	---	29
30	---	---	---	---	---	3 150	3 213	3 186	2 871	2 970	---	---	30
31	---	---	---	---	---	3 120	3 193	3 183	2 924	2 985	---	---	31
MEAN	---	---	---	---	---	3 092	3 150	3 185	3 047	2 980	---	---	MEAN
MAX	---	---	---	---	---	3 220	3 218	3 268	3 164	3 177	---	---	MAX
MIN	---	---	---	---	---	2 800	3 039	2 988	2 868	2 816	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MAXIMUM DAILY, 3 268 ON AUG 20

MAXIMUM INSTANTANEOUS,
3 278 AT 14 32 MST ON AUG 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 04 N
LONG 117 29 45 W

A - MANUAL GAUGE

REGULATED SINCE 1958

DRAINAGE AREA,
971 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 148.916 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 3 IN 1981

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	8.172A	7.926	8.583	8.704A	---	---	1
2	---	---	---	---	---	---	8.098A	7.990	8.521	---	---	---	2
3	---	---	---	---	---	---	7.957	8.072	8.477	---	---	---	3
4	---	---	---	---	---	---	7.879E	7.947	8.427	---	---	---	4
5	---	---	---	---	---	---	7.810E	7.878	8.369	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	7.743E	7.812	8.293	---	---	---	7
8	---	---	---	---	---	---	7.679E	7.678	8.269	---	---	---	8
9	---	---	---	---	---	---	7.604E	7.670	8.237	---	---	---	9
10	---	---	---	---	---	---	7.524E	7.306	8.205	---	---	---	10
11	---	---	---	---	---	9.126A	7.445E	7.147	8.211	---	---	---	11
12	---	---	---	---	---	8.953	7.367E	6.983	8.247	---	---	---	12
13	---	---	---	---	---	8.807E	7.288E	6.844	8.288	---	---	---	13
14	---	---	---	---	---	8.720E	7.218A	6.738	8.269	---	---	---	14
15	---	---	---	---	---	8.676E	7.122	6.638	8.241	---	---	---	15
16	---	---	---	---	---	8.623E	7.032	6.966	8.210	---	---	---	16
17	---	---	---	---	---	8.581E	6.984	6.633	8.180	---	---	---	17
18	---	---	---	---	---	8.542E	6.958	6.565	8.151E	---	---	---	18
19	---	---	---	---	---	8.529A	6.935	6.700	8.123E	---	---	---	19
20	---	---	---	---	---	8.568	6.839	6.720	8.107E	---	---	---	20
21	---	---	---	---	---	8.587	6.740	6.885	8.107E	---	---	---	21
22	---	---	---	---	---	8.525	6.685	6.649	8.117E	---	---	---	22
23	---	---	---	---	---	8.532	6.801	6.638	8.142E	---	---	---	23
24	---	---	---	---	---	8.596	6.892	6.639	8.183A	---	---	---	24
25	---	---	---	---	---	8.787	6.810	6.674	8.098E	---	---	---	25
26	---	---	---	---	---	8.928	6.716	6.883	8.038E	---	---	---	26
27	---	---	---	---	---	8.875	6.617	6.868	8.078E	---	---	---	27
28	---	---	---	---	---	8.709	6.905	6.681	8.018E	---	---	---	28
29	---	---	---	---	---	8.545A	6.998	6.685	8.681E	---	---	---	29
30	---	---	---	---	---	8.305E	7.030	6.642	8.808E	---	---	---	30
31	---	---	---	---	---	8.273E	6.985	6.619	8.753E	---	---	---	31
MEAN	---	---	---	---	---	---	6.957	6.599	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	7.200	6.984	8.177	---	---	---	MAX
MIN	---	---	---	---	---	---	8.172	8.072	8.569	---	---	---	MIN
							6.592	6.633	6.783	---	---	---	

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MAXIMUM DAILY, 9.126A ON JUN 10
MINIMUM DAILY, 6.704A ON OCT 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 15 55 N
LONG 123 35 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 82.496 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 2 IN 1981

NORTHWEST TERRITORIES

MARCIL CREEK NEAR ARCTIC BAY - STATION NO 10TE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	---	2.39	2.67	---	---	---	---	1
2	---	---	---	---	0B	---	---	2.02	---	---	---	---	2
3	---	---	---	---	0B	---	---	1.67	---	---	---	---	3
4	---	---	---	---	0B	---	---	1.41	---	---	---	---	4
5	---	---	---	---	0B	---	---	1.58	---	---	---	---	5
6	---	---	---	---	0B	---	---	1.53	---	---	---	---	6
7	---	---	---	---	0B	---	---	1.53	---	---	---	---	7
8	---	---	---	---	0B	---	3.73	1.52	1.08A	---	---	---	8
9	---	---	---	---	0B	---	1.98	2.34	---	---	---	---	9
10	---	---	---	---	0B	---	---	3.41A	---	---	---	---	10
11	---	---	---	---	0B	---	---	---	---	---	---	---	11
12	---	---	---	---	0B	---	---	---	---	---	---	---	12
13	---	---	---	---	0B	---	---	---	---	---	---	---	13
14	---	---	---	---	0B	---	---	---	---	---	---	---	14
15	---	---	---	---	0B	---	---	---	---	---	---	---	15
16	---	---	---	---	0B	---	---	---	---	---	---	---	16
17	---	---	---	---	0B	---	---	---	---	0B	---	---	17
18	---	---	---	---	0B	---	---	---	---	0B	---	---	18
19	---	---	---	---	0B	---	---	---	---	0B	---	---	19
20	---	---	---	---	0B	---	---	---	---	0B	---	---	20
21	---	---	---	---	0B	---	---	---	---	0B	---	---	21
22	---	---	---	---	0B	---	---	---	---	0B	---	---	22
23	---	---	---	---	0B	---	---	---	---	0B	---	---	23
24	---	---	---	---	0B	---	---	---	---	0B	---	---	24
25	---	---	---	---	0B	---	---	---	---	0B	---	---	25
26	---	---	---	---	0B	---	---	---	---	0B	---	---	26
27	---	---	---	---	0B	---	---	---	---	0B	---	---	27
28	---	---	---	---	0B	---	---	---	---	0B	---	---	28
29	---		---	---	0B	---	---	---	---	0B	---	---	29
30	---		---	---	0B	2.18A	---	---	---	0B	---	---	30
31	---		---		0B		2.80	---		0B		---	31
TOTAL	---	---	---	---	0	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	0	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 72 59 40 N
LONG 84 59 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	0	NOV	---
JUN	---	DEC	---

MARJORIE LAKE AT OUTLET - STATION NO 08KC002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.790	13.785	13.798	13.798	13.588	13.483	14.122	13.870	13.767	13.826	13.719	13.736	1
2	13.789	13.786	13.799	13.787	13.575	13.467	14.124	13.858	13.764	13.823	13.744	13.813	2
3	13.807	13.786	13.801	13.781	13.569	13.470	14.127	13.870	13.762	13.830	13.788	13.838	3
4	13.802	13.784A	13.806	13.774	13.561	13.472	14.113	13.848	13.756	13.834	13.780	13.821	4
5	13.789	---	13.811	13.768	13.550	13.478	14.118	13.817	13.769	13.842	13.785	13.852	5
6	13.789	---	13.818	13.762	13.560	13.488	14.118	13.824	13.768	13.842	13.809	13.873	6
7	13.788	---	13.822	13.734	13.556	13.504	14.028	13.818	13.767	13.840	13.831	13.831	7
8	13.800	---	13.826	13.731	13.553	13.526	14.091	13.815	13.773	13.843	13.908	13.812	8
9	13.789	---	13.828	13.734	13.548	13.552	14.083	13.817	13.789	13.841	13.890	13.798	9
10	13.788	---	13.833	13.731	13.546	13.580	14.080	13.815	13.787	13.802	13.835	13.790	10
11	13.788	---	13.831	13.718	13.543	13.649	14.051	13.807	13.775	13.835	13.782	13.781	11
12	13.788	---	13.837	13.702	13.533	13.699	14.041	13.812	13.773	13.848	13.784	13.785	12
13	13.802	---	13.842	13.684	13.521	13.742	14.025	13.808	13.788	13.845	13.790	13.771	13
14	13.806	---	13.845	13.668	13.514	13.802	14.008	13.788	13.772	13.848	13.788	13.765	14
15	13.803	---	13.847	13.662	13.511	13.850	14.003	13.801	13.787	13.844	13.788	13.780	15
16	13.798	---	13.845	13.681	13.510	13.887	13.998	13.802	13.802	13.847	13.788	13.822	16
17	13.800	---	13.847	13.855	13.511	13.908	13.994	13.802	13.808	13.848	13.793	13.867	17
18	13.798	---	13.848	13.844	13.512	13.928	13.987	13.794	13.799	13.847	13.793	13.924	18
19	13.798	---	13.847	13.818	13.508	13.931	13.936	13.788	13.781	13.842	13.790	13.938	19
20	13.798	---	13.843	13.818	13.510	13.948	13.922	13.792	13.793	13.838	13.789	13.938	20
21	13.798	---	13.844	13.817	13.507	13.968	13.918	13.792	13.801	13.834	13.773	13.930	21
22	13.797	13.843A	13.844	13.815	13.494	13.977	13.912	13.790	13.806	13.837	13.765	13.912	22
23	13.793	13.837	13.844	13.814	13.488	14.007	13.908	13.784	13.810	13.836	13.766	13.893	23
24	13.794	13.826	13.842	13.811	13.428	14.020	13.898	13.784	13.812	13.828	13.771	13.831	24
25	13.799	13.817	13.838	13.808	13.431	14.032	13.890	13.784	13.809	13.841	13.789	13.788	25
26	13.801	13.806	13.831	13.807	13.437	14.080	13.885	13.782	13.810	13.838	13.784	13.790	26
27	13.800	13.793	13.828	13.804	13.438	14.106	13.878	13.783	13.827	13.738	13.761	13.867	27
28	13.739	13.786	13.823	13.800	13.440	14.123	13.878	13.781	13.818	13.865	13.747	13.938	28
29	13.789		13.816	13.598	13.446	14.115	13.874	13.784	13.789	13.845	13.728	13.988	29
30	13.785		13.808	13.593	13.447	14.125	13.875	13.783	13.812	13.862	13.729	13.974	30
31	13.788		13.802		13.454		13.878	13.770		13.880		14.016	31
MEAN	13.788	---	13.828	13.676	13.509	13.786	13.993	13.808	13.788	13.813	13.788	13.854	MEAN
MAX	13.807	---	13.847	13.798	13.588	14.125	14.127	13.870	13.827	13.868	13.908	14.016	MAX
MIN	13.780	---	13.788	13.593	13.439	13.483	13.874	13.763	13.762	13.845	13.719	13.736	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 14.127 ON JUL 3
MINIMUM DAILY, 13.439 ON MAY 24
MAXIMUM INSTANTANEOUS,
14.135 AT 16:58 CST ON JUN 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 40 N
LONG 99 26 00 W

A - MANUAL GAUGE

NATURAL FLOW

NORTHWEST TERRITORIES

MARTEN RIVER ABOVE TROUT RIVER - STATION NO 07QC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 190	1 690	1 13 B	0 9458	3 588	8 79	6 14	9 43	11 2	9 60	6 858	4 818	1
2	2 168	1 658	1 11 B	0 9478	3 698	8 77	6 02	9 25	10 8	9 19	6 798	4 788	2
3	2 148	1 618	1 09 B	0 9488	3 828	8 72	5 93	9 11	10 5	9 18	6 738	4 688	3
4	2 138	1 588	1 07 B	0 9458	3 898	8 71	5 83	9 28	10 3	9 43	6 678	4 618	4
5	2 128	1 538	1 05 B	0 9448	3 858	8 70	5 73	9 45	10 3	9 50	6 608	4 548	5
6	2 118	1 488	1 03 B	0 9448	3 878	8 57	5 58	9 34	10 7	9 07	6 558	4 438	6
7	2 108	1 438	1 00 B	0 9418	3 898	8 70	5 48	9 26	11 0	8 82	6 438	4 388	7
8	2 108	1 398	0 9788	0 9448	4 23	8 81	5 37	9 03	11 1	8 80	6 398	4 308	8
9	2 108	1 388	0 9588	0 9358	4 71	8 54	5 28	9 02	11 0	8 79	6 358	4 218	9
10	2 098	1 398	0 9388	0 9418	5 25	8 43	5 27	8 99	11 0	8 77	6 278	4 188	10
11	2 088	1 338	0 9308	0 9458	5 83	8 39	5 13	8 96	11 0	8 61	6 208	4 048	11
12	2 018	1 388	0 9298	0 9448	6 38	8 36	5 03	8 89	10 9	8 59	6 128	3 988	12
13	1 948	1 408	0 9268	0 9518	6 52E	8 37	4 98	10 7	10 8	8 56	6 028	3 898	13
14	1 858	1 428	0 9188	0 9608	6 84E	8 37	4 84	10 6	10 4	8 28	5 988	3 628	14
15	1 868	1 428	0 9118	0 9768	6 98E	8 34	4 86	10 5	10 7	8 31	5 888	3 768	15
16	1 978	1 388	0 9128	0 9898	6 89E	8 28	5 28	10 6	11 0	8 38	5 788	3 688	16
17	1 988	1 358	0 9088	0 9988	7 01E	8 17	5 71	10 7	11 2	8 11	5 728	3 628	17
18	1 968	1 308	0 8998	1 01 B	7 13E	8 00	5 27	10 8	11 4	5 03A	5 658	3 558	18
19	1 948	1 278	0 8928	1 03 B	7 25E	7 71	5 88	10 5	11 3	7 93E	5 608	3 498	19
20	1 918	1 258	0 8918	1 06 B	7 37E	7 62	7 58	10 4	11 3	7 81E	5 528	3 418	20
21	1 898	1 238	0 8928	1 07 B	7 48E	7 58	8 24	10 9	11 2	7 76E	5 448	3 358	21
22	1 888	1 228	0 8958	1 16 B	7 62E	7 53	8 78	11 3	11 2	7 65E	5 408	3 288	22
23	1 898	1 218	0 9068	1 40 B	7 74E	7 47	9 20	11 6	11 3	7 60E	5 318	3 218	23
24	1 888	1 228	0 9148	1 68 B	7 85E	7 40	9 63	11 8	11 2	7 51E	5 258	3 158	24
25	1 858	1 218	0 9068	1 89 B	7 98E	7 05	9 87	11 8	11 0	7 42E	5 208	3 108	25
26	1 788	1 198	0 9108	2 25 B	8 10E	6 83	9 95	11 7	10 8	7 37E	5 138	3 018	26
27	1 728	1 168	0 9148	2 48 B	8 22E	6 77	10 0	11 8	10 8	7 26E	5 028	2 948	27
28	1 718	1 158	0 9158	2 76 B	8 35E	6 64	10 0	11 7	10 5	7 19E	4 958	2 888	28
29	1 708		0 9238	3 07 B	8 47E	6 53	9 86	11 5	10 2	7 08E	4 948	2 838	29
30	1 688		0 9358	3 38 B	8 59A	6 29	9 89	11 4	9 85	7 02E	4 878	2 788	30
31	1 708		0 9438		6 76		9 88	11 3		6 94E		2 708	31
TOTAL	60 66	35 28	29 527	40 585	197 74	238 54	218 52	322 31	325.35	254.55	175.67	115.34	TOTAL
MEAN	1 96	1.37	0 952	1 35	6 38	7 95	7 05	10 4	10 8	8 21	5.86	3.72	MEAN
MAX	2 19	1 69	1.13	3 38	8 76	8 81	10 0	11 9	11.4	9 60	6.85	4 81	MAX
MIN	1 69	1.15	0.891	0 935	3.58	6 29	4 84	8 96	9 85	6 94	4.87	2.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.53
MAXIMUM DAILY, 11 9 ON AUG 26
MINIMUM DAILY, 0.8918 ON MAR 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 20 N
LONG 108 58 50 W
DRAINAGE AREA, 736 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 240	JUL	18 900
FEB	3 310	AUG	27 800
MAR	2 850	SEP	28 100
APR	3 500	OCT	22 000
MAY	17 100	NOV	15 200
JUN	20 800	DEC	9 970

TOTAL DISCHARGE, 174 000 dam³

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10GC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.458	1.03 B	0 7738	0.5128	19.58	89.3	8.14	1.54	1.09	0.476	0.4588	0.1408	1
2	1.458	1.03 B	0 7688	0.5158	19.78	73.3	7.17	2.48	1.05	0.480	0.4638	0.1408	2
3	1.458	1.03 B	0.7578	0.5208	20.28	63.5	6.23	3.27	1.04	0.478	0.4558	0.1408	3
4	1.438	1.03 B	0.7418	0.5238	31.08	56.2	5.45	3.85	1.04	0.473	0.4638	0.1408	4
5	1 428	1.03 B	0.7288	0.5248	43.18	49.8	4.88	4.36	0.980	0.470	0.4718	0.1308	5
6	1.398	1.03 B	0.7068	0.5358	27.08	45.8	4.42	4.44	0.905	0.493	0.4748	0.1308	6
7	1.378	1.03 B	0.6938	0.5338	30.38	47.7	4.03	4.08	0.843	0.553	0.5088	0.1308	7
8	1.388	1.02 B	0.6728	0.5278	36.48	48.0	3.72	3.63	0.784	0.556	0.5038	0.1308	8
9	1.358	1.02 B	0.6478	0.5238	50 88	45.3	3.42	3.13	0.765	0.587	0.4588	0.1208	9
10	1.338	1.01 B	0.6238	0.5178	50.38	41.7	3.26	2.82	0.734	0.575	0.4598	0.1208	10
11	1.308	1.00 B	0.6008	0.5118	52.2	38.9	3.22	2.52	0.685	0.5758	0.4738	0.1108	11
12	1.238	0.9838	0.5808	0.5018	56.6	36.2	3.12	2.24	0.659	0.5698	0.4728	0.1028	12
13	1.238	0.9668	0.5608	0.4948	59.8	33.7	2.97	2.01	0.658	0.5498	0.4358	0.1008	13
14	1.228	0.9778	0.5458	0.4898	56.8	31.0	2.86	1.87	0.636	0.5128	0.3948	0.1008	14
15	1.228	0.9718	0.5388	0.5118	57.9	28.1	2.83	1.83	0.622	0.4678	0.1728	0.1008	15
16	1.238	0.9688	0.5348	0.5128	71.0	25.8	2.73	1.82	0.621	0.4458	0.1708	0.1008	16
17	1.228	0.9118	0.5338	0.5168	89.1	24.8	2.80	1.80	0.617	0.4328	0.1708	0.1008	17
18	1.228	0.9078	0.5318	0.5418	85.8	23.6	2.32	1.80	0.615	0.4148	0.1708	0.1008	18
19	1.218	0.8758	0.5278	0.5498	87.6	24.2	2.16	1.78	0.595	0.4028	0.1708	0.1008	19
20	1.208	0.8618	0.5168	0.5948	71.0	25.3	1.98	1.78	0.571	0.3868	0.1608	0.1008	20
21	1.208	0.8668	0.5088	0.8248	76.9	23.0	1.88	1.78	0.525	0.3738	0.1608	0.1008	21
22	1.188	0.8618	0.4988	1.06 B	77.1	20.4	1.80	1.73	0.524	0.3608	0.1608	0.1008	22
23	1.168	0.8538	0.5038	0.8438	69.2	18.2	1.72	1.72	0.525	0.3408	0.1608	0.1008	23
24	1.148	0.8468	0.5048	0.7488	84.2	16.3	1.65	1.74	0.521	0.3558	0.1608	0.1008	24
25	1.118	0.8498	0.5038	1.05 B	88.8	14.6	1.81	1.71	0.519	0.3538	0.1508	0.1008	25
26	1.108	0.8438	0.5048	2.40 B	85.8	13.2	1.57	1.63	0.518	0.3518	0.1508	0.1008	26
27	1.098	0.8028	0.5068	3.80 B	102	12.2	1.45	1.53	0.521	0.3568	0.1508	0.1008	27
28	1.088	0.7798	0.5078	5.40 B	117	11.1	1.40	1.48	0.540	0.3908	0.1508	0.1008	28
29	1.048		0.5088	8.00 B	124	10.2	1.41	1.40	0.483	0.4298	0.1508	0.1008	29
30	1.038		0.5088	11.5 B	122	9.11	1.40	1.20	0.479	0.4488	0.1508	0.1008	30
31	1.038		0.5108		108		1.38	1.19		0.4488		0.1008	31
TOTAL	38.44	26.407	18.127	45.380	2 030.8	1 000.31	94.64	70.20	20.688	14.084	8.039	3.432	TOTAL
MEAN	1.24	0.943	0.585	1.53	65.5	33.3	3.05	2.26	0.690	0.454	0.301	0.111	MEAN
MAX	1.48	1.03	0.773	11.5	124	89.3	8.14	4.44	1.09	0.587	0.508	0.140	MAX
MIN	1.03	0.779	0.498	0.494	19.5	9.11	1.38	1.19	0.479	0.340	0.150	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.24
MAXIMUM DAILY, 124 ON MAY 29
MINIMUM DAILY, 0.1008 ON DEC 13
MAXIMUM INSTANTANEOUS,
126 AT 19:42 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 10 N
LONG 121 37 05 W
DRAINAGE AREA, 2 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 320	JUL	5 180
FEB	2 280	AUG	5 070
MAR	1 570	SEP	1 790
APR	3 880	OCT	1 220
MAY	175 000	NOV	781
JUN	88 400	DEC	297

TOTAL DISCHARGE, 291 000 dam³

METHADALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0 B	1.328	8.61	0.379	0.070	0.261	0.094	0.0	0.0	1
2	0.0	0.0	0.0	0 B	1.328	6.83	0.330	0.174	0.240	0.095	0.0	0.0	2
3	0.0	0.0	0.0	0 B	1.048	5.46	0.286	0.326	0.226	0.099	0.0	0.0	3
4	0.0	0.0	0.0	0 B	1.228	4.82	0.250	0.337	0.216	0.102	0.0	0.0	4
5	0.0	0.0	0.0	0 B	1.368	4.20	0.223	0.325	0.206	0.047	0.0	0.0	5
6	0.0	0.0	0.0	0 B	1.268	3.44	0.196	0.291	0.198	0.084	0.0	0.0	6
7	0.0	0.0	0.0	0 B	1.478	3.02	0.176	0.268	0.190	0.090	0.0	0.0	7
8	0.0	0.0	0.0	0 B	2.298	2.31	0.154	0.250	0.182	0.0798	0.0	0.0	8
9	0.0	0.0	0.0	0 B	2.928	2.58	0.136	0.219	0.175	0.0638	0.0	0.0	9
10	0.0	0.0	0.0	0 B	3.448	2.63	0.126	0.191	0.168	0.0348	0.0	0.0	10
11	0.0	0.0	0.0	0 B	8.218	2.42	0.122	0.185	0.165	0.0318	0.0	0.0	11
12	0.0	0.0	0.0	0 B	8.428	2.13	0.112	0.162	0.162	0.0268	0.0	0.0	12
13	0.0	0.0	0.0	0 B	8.138	1.88	0.117	0.126	0.158	0.0118	0.0	0.0	13
14	0.0	0.0	0.0	0 B	9.58	1.62	0.195	0.113	0.154	0.0038	0.0	0.0	14
15	0.0	0.0	0.0	0 B	19.8	1.36	0.209	0.105	0.149	0.0018	0.0	0.0	15
16	0.0	0.0	0.0	0 B	20.8	1.15	0.200	0.202	0.145	0.0018	0.0	0.0	16
17	0.0	0.0	0.0	0 B	14.4	0.994	0.181	1.57	0.141	0 B	0.0	0.0	17
18	0.0	0.0	0.0	0 B	11.2	1.75	0.162	2.29	0.138	0 B	0.0	0.0	18
19	0.0	0.0	0.0	0 B	13.5	2.56	0.143	2.09	0.135	0 B	0.0	0.0	19
20	0.0	0.0	0.0	0 B	21.2	2.62	0.130	1.86	0.132	0 B	0.0	0.0	20
21	0.0	0.0	0.0	0.0248	24.4	2.24	0.113	1.57	0.129	0 B	0.0	0.0	21
22	0.0	0.0	0.0	0.1088	19.5	1.88	0.097	1.31	0.139	0 B	0.0	0.0	22
23	0.0	0.0	0.0	0.2498	13.5	1.42	0.080	1.07	0.130	0 B	0.0	0.0	23
24	0.0	0.0	0.0	0.4518	14.0	1.25	0.076	0.830	0.132	0 B	0.0	0.0	24
25	0.0	0.0	0.0	0.4858	19.5	1.06	0.069	0.663	0.133	0 B	0.0	0.0	25
26	0.0	0.0	0.0	0.5748	20.2	0.884	0.071	0.557	0.115	0 B	0.0	0.0	26
27	0.0	0.0	0.0	1.26 B	19.1	0.709	0.056	0.477	0.102	0 B	0.0	0.0	27
28	0.0	0.0	0.0	1.34 B	18.3	0.598	0.049	0.401	0.081	0 B	0.0	0.0	28
29	0.0		0.0	1.67 B	15.5	0.521	0.048	0.348	0.087	0 B	0.0	0.0	29
30	0.0		0.0	1.72 B	13.8	0.447	0.045	0.315	0.103	0 B	0.0	0.0	30
31	0.0		0.0		11.3		0.041	0.284		0 B		0.0	31
TOTAL	0	0	0	7.862	336.08	73.891	4.582	18.939	4.692	0.877	0	0	TOTAL
MEAN	0	0	0	0.262	10.8	2.46	0.148	0.611	0.158	0.028	0	0	MEAN
MAX	0	0	0	1.72	24.4	8.61	0.379	2.29	0.261	0.102	0	0	MAX
MIN	0	0	0	0	1.04	0.447	0.041	0.070	0.081	0	0	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 24.4 ON MAY 21
MINIMUM DAILY, 0.0 ON JAN 1
MAXIMUM INSTANTANEOUS,
28.8 AT 01:05 MST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 31 N
LONG 122 54 45 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	395
FEB	0	AUG	1 840
MAR	0	SEP	405
APR	675	OCT	75.8
MAY	29 000	NOV	0
JUN	6 380	DEC	0

TOTAL DISCHARGE, 38 800 dam³

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07OD002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.112	5.897	5.901	5.825	5.727	5.777	5.098	5.202	5.311	5.347	5.332	5.250E	1
2	5.110	5.880	5.898	5.820	5.724	5.784	5.102	5.207	5.322	5.347	5.332	5.248E	2
3	5.111	5.886	5.900	5.814	5.721	5.784	5.100	5.204	5.322	5.345	5.335	5.241E	3
4	5.104	5.882	5.897	5.812	5.717	5.805	5.099	5.201	5.327	5.341	5.333	5.241E	4
5	5.102	5.877	5.890	5.811	5.715	5.813	5.102	5.200	5.337	5.337	5.330	5.241E	5
6	5.098	5.872	5.893	5.811	5.714	5.826	5.110	5.205	5.343	5.341	5.330	5.238E	6
7	5.098	5.868	5.888	5.801	5.720	5.841	5.120	5.209	5.351	5.348	5.330	5.230E	7
8	5.089	5.866	5.884	5.788	5.717	5.855	5.123	5.210	5.347	5.341	5.323	5.228E	8
9	5.088	5.864	5.888	5.788	5.711	5.871	5.122	5.208	5.347	5.344	5.318	5.224E	9
10	5.078	5.863	5.888	5.781	5.710	5.887	5.121	5.212	5.353	5.348	5.310	5.220E	10
11	5.070	5.864	5.884	5.779	5.712	5.903	5.129	5.210	5.357	5.342	5.313	5.218E	11
12	5.068	5.865	5.878	5.777	5.707	5.918	5.134	5.217	5.358	5.343	5.313	5.212E	12
13	5.071	5.862	5.870	5.780	5.701	5.931	5.140	5.194	5.359	5.342	5.316	5.208E	13
14	5.071	5.864	5.872	5.774	5.699	5.947	5.141	5.211	5.365	5.346	5.307	5.204E	14
15	5.074	5.860	5.886	5.773	5.702	5.961	5.151	5.226	5.370	5.358	5.310	5.200E	15
16	5.088	5.846	5.859	5.769	5.697	5.969	5.158	5.237	5.370	5.361	5.311	5.195E	16
17	5.086	5.841	5.859	5.771	5.693	5.981	5.174	5.251	5.367	5.341	5.311	5.191E	17
18	5.081	5.843	5.855	5.767	5.694	5.999	5.177	5.258	5.363	5.341	5.310	5.187E	18
19	5.089	5.840	5.858	5.763	5.697	6.011	5.182	5.258	5.361	5.342	5.309	5.183E	19
20	5.084	5.838	5.856	5.762	5.698	6.021	5.190	5.259	5.360	5.341	5.305	5.179E	20
21	5.085	5.835	5.850	5.765	5.698	6.027	5.200	5.281	5.359	5.342	5.294	5.175E	21
22	5.069	5.838	5.845	5.762	5.690	6.040	5.200	5.285	5.360	5.348	5.301	5.171E	22
23	5.039	5.834	5.843	5.761	5.688	6.047	5.200	5.286	5.362	5.320	5.299	5.167E	23
24	5.028	5.835	5.843	5.754	5.688	6.050	5.201	5.273	5.352	5.322	5.298	5.163E	24
25	5.022	5.832	5.837	5.742	5.709	6.059	5.208	5.284	5.348	5.334	5.296A	5.159E	25
26	5.020	5.818	5.834	5.742	5.718	6.065	5.208	5.288	5.353	5.339	5.291E	5.154E	26
27	5.019	5.807	5.830	5.739	5.719	6.073	5.209	5.294	5.344	5.328	5.288E	5.150E	27
28	5.017	5.808	5.828	5.739	5.731	6.082	5.208	5.294	5.320	5.331	5.278E	5.148E	28
29	5.018		5.822	5.736	5.742	6.091	5.205	5.297	5.324	5.327	5.269E	5.142E	29
30	5.016		5.823	5.732	5.755	6.094	5.198	5.307	5.331	5.341	5.255E	5.138E	30
31	5.006		5.824		5.788		5.197	5.312		5.334		5.134E	31
MEAN	5.063	5.853	5.853	5.775	5.713	5.951	5.158	5.243	5.348	5.340	5.308	5.195	MEAN
MAX	5.112	5.897	5.901	5.825	5.788	6.094	5.209	5.312	5.370	5.358	5.335	5.250	MAX
MIN	5.006	5.807	5.822	5.732	5.688	5.777	5.098	5.194	5.311	5.320	5.255	5.134	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 5.076
MAXIMUM DAILY, 6.370 ON SEP 15
MINIMUM DAILY, 5.688 ON MAY 23
MAXIMUM INSTANTANEOUS,
6.377 AT 17:11 MST ON SEP 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 43 50 N
LONG 109 40 15 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

NUELTIN LAKE NEAR SMITH BAY - STATION NO. 09HA001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	273.170A	273.063E	272.990	272.892	272.823	272.841	273.956	274.223	274.165	274.011	273.891	273.785	1
2	273.174A	273.058E	272.967	272.890	272.818	272.853	273.960	274.215	274.161	274.013	273.894	273.772	2
3	273.162A	273.056E	272.986	272.886	272.815	272.870	273.965	274.214	274.158	274.009	273.893	273.766	3
4	273.158A	273.053E	272.989	272.879	272.812	272.884	273.973	274.211	274.156	274.009	273.878	273.765	4
5	273.156E	273.051E	272.984	272.882	272.806	272.922	273.985	274.211	274.152	274.008	273.868	273.764	5
6	273.159E	273.048E	272.979	272.875	272.802	272.959	273.995	274.210	274.151	274.011	273.862	273.766	6
7	273.167A	273.045E	272.970	272.867	272.802	273.004	274.008	274.208	274.147	273.997	273.859	273.767	7
8	273.150	273.042E	272.967	272.861	272.802	273.028	274.027	274.206	274.137	273.981	273.856	273.767	8
9	273.147	273.038E	272.970	272.854	272.801	273.068	274.055	274.206	274.122	273.968	273.856	273.766	9
10	273.145E	273.037E	272.970	272.862	272.798	273.088	274.062	274.209	274.118	273.967	273.850	273.739	10
11	273.143E	273.034E	272.982	272.865	272.798	273.137	274.078	274.206	274.118	273.960	273.838	273.730	11
12	273.142E	273.031E	272.967	272.862	272.803	273.177	274.078	274.204	274.111	273.978	273.840	273.724	12
13	273.138E	273.028E	272.980	272.860	272.787	273.262	274.074	274.204	274.108	273.976	273.842	273.725	13
14	273.131E	273.025E	272.969	272.858	272.785	273.336	274.068	274.204	274.101	273.973	273.838	273.730	14
15	273.122E	273.023E	272.949	272.859	272.787	273.398	274.071	274.198	274.097	273.970	273.830	273.730	15
13	273.120E	273.020E	272.961	272.855	272.787	273.484	274.070	274.198	274.088	273.959	273.835	273.726	16
17	273.118E	273.017E	272.961	272.853	272.784	273.521	274.131	274.197	274.088	273.953	273.822	273.726	17
18	273.118E	273.014E	272.936	272.855	272.783	273.550	274.208	274.192	274.108	273.953	273.818	273.715	18
19	273.110E	273.011E	272.937	272.856	272.785	273.578	274.228	274.187	274.097	273.952	273.818	273.712	19
20	273.104A	273.008E	272.930	272.853	272.786	273.600	274.235	274.182	274.084	273.946	273.827	273.697	20
21	273.106A	273.006E	272.926	272.848	272.802	273.644	274.245	274.177	274.088	273.949	273.795	273.706	21
22	273.108E	273.003E	272.918	272.843	272.800	273.727	274.241	274.175	274.077	273.938	273.782	273.701	22
23	273.101E	273.000E	272.918	272.839	272.787	273.774	274.241	274.173	274.068	273.932	273.788	273.691	23
24	273.098E	272.987E	272.917	272.840	272.803	273.811	274.238	274.168	274.056	273.931	273.793	273.698	24
25	273.094E	272.985E	272.910	272.838	272.806	273.826	274.236	274.167	274.042	273.914	273.789	273.695	25
26	273.087E	272.982A	272.903	272.837	272.810	273.848	274.238	274.167	274.031	273.911	273.787	273.674	26
27	273.085E	272.980	272.907	272.835	272.812	273.884	274.228	274.165	274.053	273.910	273.769	273.669	27
28	273.086E	272.991	272.907	272.831	272.816	273.907	274.222	274.164	274.032	273.900	273.756	273.659	28
29	273.077E		272.904	272.826	272.821	273.924	274.220	274.164	274.021	273.898	273.764	273.658	29
30	273.070A		272.902	272.826	272.826	273.938	274.221	274.163	274.020	273.888	273.771	273.650	30
31	273.062A		272.898		272.834		274.225	274.155		273.882		273.652	31
MEAN	273.123	273.024	272.943	272.857	272.806	273.394	274.122	274.191	274.089	273.928	273.827	273.718	MEAN
MAX	273.174	273.062	272.990	272.892	272.834	273.938	274.245	274.223	274.165	274.013	273.894	273.785	MAX
MIN	273.062	272.980	272.898	272.826	272.783	272.841	273.956	274.153	274.020	273.882	273.764	273.650	MIN

WATER LEVELS IN METRES

MEAN, 273.808
MAXIMUM DAILY, 274.245 ON JUL 21
MINIMUM DAILY, 272.783 ON MAY 18
MAXIMUM INSTANTANEOUS,
274.253 AT 17:25 CST ON JUL 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 26 40 N
LONG 89 39 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	103 B	85.3B	88.0B	70.0B	1038	6 000B	1 420	885	669	380E	182 B	85.8B	1
2	103 B	84.0B	88.0B	70.1B	1078	7 900B	1 300	851	667	350E	167 B	84.0B	2
3	103 B	83.0B	88.0B	70.3B	1138	7 720B	1 140	824	664	340E	154 B	82.5B	3
4	103 B	82.0B	88.0B	70.4B	1238	7 840	1 080	808	688	332E	151 B	81.0B	4
5	103 B	81.0B	88.0B	70.6B	1308	6 880	884	820	743	323E	147 B	80.0B	5
6	103 B	80.0B	88.0B	70.8B	1428	4 830	913	835	787	314E	145 B	78.0B	6
7	103 B	79.0B	88.0B	71.0B	1588	3 470	862	884	756	305E	142 B	77.0B	7
8	103 B	78.0B	88.0B	71.5B	1828	2 970	814	837	727	295B	138 B	75.8B	8
9	103 B	77.3B	88.0B	72.0B	2058	2 610	761	788	698	285B	135 B	74.4B	9
10	103 B	76.3B	88.0B	72.5B	2378	2 220	709	755	668	282B	133 B	73.3B	10
11	103 B	75.5B	88.0B	73.0B	2688	1 930	672	736	636	274B	128 B	72.0B	11
12	103 B	74.6B	88.0B	73.5B	3028	1 770	658	773	5138	267B	126 B	70.8B	12
13	102 B	74.0B	88.0B	74.0B	3508	1 680	641	1 680	600E	260B	124 B	70.0B	13
14	101 B	73.6B	88.0B	74.5B	4058	1 770	650	1 830	580E	254B	121 B	68.0B	14
15	100 B	72.7B	88.0B	75.0B	4788	1 830	686	1 800	567E	248B	118 B	67.8B	15
16	100 B	73.0B	88.0B	75.7B	5608	1 780	683	1 220	548E	242B	118 B	66.8B	16
17	99.0B	71.3B	88.0B	76.4B	6708	1 780	647	1 030	534E	238B	114 B	65.8B	17
18	98.0B	70.4B	88.0B	77.1B	8008	2 070	649	933	518E	228B	111 B	65.0B	18
19	97.3B	70.2B	88.2B	78.2B	8808	2 510	704	875	502E	224B	108 B	64.0B	19
20	96.5B	70.0B	88.4B	79.3B	1 1608	3 320	731	848	480E	218B	108 B	63.3B	20
21	96.0B	69.7B	88.8B	80.8B	1 4208	2 070	730	806	476E	213B	104 B	62.8B	21
22	95.0B	69.4B	88.8B	82.0B	1 7108	1 810	781	755	462E	207B	102 B	61.8B	22
23	94.0B	69.0B	89.2B	83.3B	2 0708	1 980	830	712	458E	202B	*100 B	60.8B	23
24	93.5B	69.0B	89.4B	84.8B	2 5808	2 320	874	678	438E	198B	97.8B	60.1B	24
25	92.5B	69.0B	89.8B	86.2B	3 1508	2 520	888	655	428E	193B	96.0B	59.8B	25
26	91.5B	68.7B	89.8B	88.2B	3 8508	2 280	841	633	412E	187B	94.0B	59.1B	26
27	90.5B	68.4B	89.8B	90.0B	4 7008	1 920	848	627	400E	183B	91.0B	58.2B	27
28	89.4B	68.2B	89.8B	93.0B	5 5808	1 680	843	638	380E	177B	90.0B	57.7B	28
29	88.8B		70.0B	95.5B	6 6008	1 500	805	658	380E	174B	89.0B	57.0B	29
30	87.5B		70.0B	98.0B	7 6508	1 420	767	671	370E	174B	88.0B	57.0B	30
31	86.5B		70.0B		7 900B		772	678		168B	87.0B	56.8B	31
										165B		56.0B	31
TOTAL	3 035.4	2 082.1	2 725.7	3 348.3	84 829	91 850	25 628	27 215	18 848	7 713	3 588.8	2 118.2	TOTAL
MEAN	97.9	74.4	88.8	78.3	1 780	3 080	827	878	582	249	120	68.3	MEAN
MAX	103	85.3	70.0	88.0	7 900	6 000	1 420	1 830	787	380	182	85.8	MAX
MIN	86.5	68.2	88.0	70.0	103	1 420	641	627	370	165	87.0	56.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 885
MAXIMUM DAILY, 6 000B ON JUN 1
MINIMUM DAILY, 56.0B ON DEC 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 15 N
LONG 134 56 45 W
DRAINAGE AREA, 70 700 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	282 000	JUL 2 210 000	
FEB	180 000	AUG 2 350 000	
MAR	184 000	SEP 1 480 000	
APR	202 000	OCT 666 000	
MAY 6 720 000		NOV 310 000	
JUN 7 940 000		DEC 183 000	

TOTAL DISCHARGE, 20 700 000 dam³

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO 10FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.00	0.00	0.00	0 B	0.0058 B	5.93	0.037	1.01	0.142	0.7498	0.0208	0.0018	1
2	0.00	0.00	0.00	0 B	0.0078 B	3.17	0.030	2.26	0.147	0.5518	0.0208	0.0018	2
3	0.00	0.00	0.00	0 B	0.0108 B	2.55	0.021	3.47	0.164	0.3638	0.0208	0.0018	3
4	0.00	0.00	0.00	0 B	0.0188 B	1.92	0.019	3.86	0.406	0.2058	0.0208	0.0018	4
5	0.00	0.00	0.00	0 B	0.0268 B	1.61	0.017	2.36	0.547	0.1058	0.0158	0.0018	5
6	0.00	0.00	0.00	0 B	0.0408 B	1.41	0.015	1.55	0.547	0.0808	0.0158	0 B	6
7	0.00	0.00	0.00	0 B	0.0608 B	1.97	0.012	1.10	0.537	0.0608	0.0158	0 B	7
8	0.00	0.00	0.00	0 B	0.0908 B	1.82	0.012	0.807	0.558	0.0408	0.0158	0 B	8
9	0.00	0.00	0.00	0 B	0.1308 B	1.38	0.011	0.593	0.570	0.0408	0.0158	0 B	9
10	0.00	0.00	0.00	0 B	0.1708 B	1.07	0.010	0.411	0.534	0.0408	0.0108	0 B	10
11	0.00	0.00	0.00	0 B	0.2108 B	0.914	0.013	0.254	0.504	0.0358	0.0108	0 B	11
12	0.00	0.00	0.00	0 B	0.2408 B	0.872	0.033	0.225	0.480	0.0358	0.0108	0 B	12
13	0.00	0.00	0.00	0 B	0.2708 B	0.876	0.324	0.174	0.445	0.0358	0.0108	0 B	13
14	0.00	0.00	0.00	0 B	0.3008 B	0.781	0.803	0.245	0.441	0.0358	0.0108	0 B	14
15	0.00	0.00	0.00	0 B	0.3408 B	0.726	0.574	0.218	0.451	0.0358	0.0108	0 B	15
16	0.00	0.00	0.00	0 B	0.3908 B	0.836	0.783	0.233	0.468	0.0308	0.0108	0 B	16
17	0.00	0.00	0.00	0 B	0.4798 B	0.944	1.23	0.823	0.886	0.0308	0.0108	0 B	17
18	0.00	0.00	0.00	0 B	0.6688 B	0.869	1.11	0.824	0.800	0.0308	0.0108	0 B	18
19	0.00	0.00	0.00	0 B	0.788 B	0.787	0.913	0.884	0.805	0.0308	0.0058	0 B	19
20	0.00	0.00	0.00	0 B	1.10 B	0.875	0.760	0.843	0.772	0.0308	0.0058	0 B	20
21	0.00	0.00	0.00	0 B	1.52 B	0.909	0.593	0.484	0.785	0.0308	0.0058	0 B	21
22	0.00	0.00	0.00	0 B	1.16 B	0.341	0.455	0.281	0.751	0.0308	0.0058	0 B	22
23	0.00	0.00	0.00	0 B	0.957 B	0.228	0.343	0.553	0.788	0.0308	0.0038	0 B	23
24	0.00	0.00	0.00	0 B	1.43 B	0.187	0.287	0.515	0.788	0.0258	0.0038	0 B	24
25	0.00	0.00	0.00	0 B	1.91 B	0.135	0.284	0.409	0.806	0.0258	0.0038	0 B	25
26	0.00	0.00	0.00	0 B	2.12 B	0.100	0.332	0.328	0.834	0.0258	0.0038	0 B	26
27	0.00	0.00	0.00	0 B	2.74 B	0.076	0.254	0.262	0.734	0.0258	0.0038	0 B	27
28	0.00	0.00	0.00	0 0.0018	4.93 B	0.059	0.261	0.210	0.747	0.0208	0.0028	0 B	28
29	0.00		0.00	0 0.0028	12.0 B	0.052	0.257	0.179	0.7708	0.0208	0.0018	0 B	29
30	0.00		0.00	0 0.0038	13.2 B	0.048	0.180	0.162	0.7818	0.0208	0.0018	0 B	30
31	0.00		0.00		9.08		0.150	0.149		0.0208		0 B	31
TOTAL	0	0	0	0 0.008	58.377	31.743	9.913	28.383	17.839	2.848	0.284	0.005	TOTAL
MEAN	0	0	0	0	1.82	1.06	0.320	0.818	0.595	0.092	0.009	0	MEAN
MAX	0	0	0	0.003	13.2	5.93	1.23	3.86	0.824	0.749	0.020	0.001	MAX
MIN	0	0	0	0	0.005	0.048	0.010	0.149	0.142	0.020	0.001	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.395
MAXIMUM DAILY, 13.2 ON MAY 30
MINIMUM DAILY, 0.0 ON JAN 1
MAXIMUM INSTANTANEOUS,
18.1 AT 20:58 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 18 16 N
LONG 110 14 05 W
DRAINAGE AREA, 81.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	856
FEB	0	AUG	2 190
MAR	0	SEP	1 540
APR	0.52	OCT	246
MAY	4 870	NOV	24.5
JUN	2 740	DEC	0.43

TOTAL DISCHARGE, 12 500 dam³

PORTER LAKE OUTFLOW - STATION NO. 07QD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.43B	8.38B	8.11B	4.08B	3.54B	6.84	11.8	11.1	13.7	11.4	11.8	10.7	1
2	8.33B	8.30B	8.07B	4.03B	3.55B	7.02	11.7	11.1	13.6	11.3	11.8	10.7	2
3	8.22B	8.24B	8.03B	4.00B	3.58B	7.16	11.5	11.2	13.3	11.4	11.8	10.8 E	3
4	8.14B	8.18B	4.98B	3.98B	3.57B	7.40	11.4	11.4	13.3	11.6	11.7	10.8 E	4
5	8.08B	8.12B	4.95B	3.95B	3.58B	7.66	11.4	11.8	13.1	11.7	11.8	10.4 E	5
6	8.00B	8.06B	4.91B	3.93B	3.59E	7.85	11.3	11.6	13.3	11.7	11.8	10.3 E	6
7	7.94B	8.00B	4.87B	3.90B	3.60E	8.08	11.5	11.4	13.4	11.6	11.6	10.2 E	7
8	7.83B	7.95B	4.83B	3.88B	3.61E	8.44	11.5	11.4	13.4	11.6	11.3	10.1 E	8
9	7.77B	7.91B	4.79B	3.86B	3.62E	8.86	11.7	11.4	13.3	11.5	11.4	10.0 E	9
10	7.70B	7.87B	4.75B	3.83A	3.63A	8.91	11.8	11.4	13.1	11.7	11.4	9.88E	10
11	7.64B	7.83B	4.71B	3.81B	3.68	9.16	11.5	11.2	13.0	11.8	11.4	9.88E	11
12	7.58B	7.78B	4.67B	3.79B	3.74	9.33	11.4	11.8	12.9	11.8	11.3	9.81E	12
13	7.52B	7.76B	4.63C	3.77B	3.86	9.56	11.4	12.3	12.8	11.8	11.2	9.75E	13
14	7.46B	7.71B	4.59B	3.75B	3.85	9.80	11.4	11.8	12.8	11.8	11.2	9.70E	14
15	7.40B	7.67B	4.55B	3.73B	3.89	10.0	11.2	11.8	13.2	11.7	11.2	9.81B	15
16	7.34B	7.63B	4.50B	3.70B	3.74	10.2	11.1	11.9	13.0	11.7	11.2	9.87B	16
17	7.28B	7.58B	4.46B	3.67B	3.73	10.5	11.4	12.1	12.7	11.8	11.2	9.80B	17
18	7.21B	7.55B	4.44B	3.65B	3.72	10.6	11.8	12.3	12.4	11.8	11.2	9.43B	18
19	7.15B	7.51B	4.42B	3.63B	3.71	10.6	12.0	12.4	12.3	11.8	11.1	9.38B	19
20	7.08B	7.47B	4.40B	3.63B	3.73	10.8	11.9	12.3	12.3	11.8	11.1	9.30B	20
21	7.03B	7.43B	4.38B	3.61B	3.81	11.2	11.9	12.3	13.3	11.8	11.0	9.24B	21
22	6.97B	7.38B	4.36B	3.59B	4.04	11.4	11.9	12.4	13.2	11.8	11.0	9.18B	22
23	6.91B	7.35B	4.33B	3.58B	3.92	11.6	11.8	12.4	13.2	12.4	11.0	9.05B	23
24	6.85B	7.31B	4.30B	3.57B	4.05	11.6	11.9	12.5	13.1	12.1	11.0	9.00B	24
25	6.79B	7.27B	4.27B	3.56B	4.48	11.5	12.0	12.8	13.1	11.9	11.0	8.90B	25
26	6.73B	7.23B	4.24B	3.56B	5.02	11.7	11.7	13.1	11.8	11.8	10.9	8.80B	26
27	6.67B	7.19B	4.20B	3.54B	5.77	11.8	11.5	13.0	12.2	11.9	10.8	8.72B	27
28	6.61B	7.16B	4.17B	3.53B	6.44	11.8	11.4	13.0	12.3	12.0	10.8	8.68B	28
29	6.55B		4.14B	3.52B	6.36	11.8	11.5	13.1	11.9	12.0	10.8	8.62B	29
30	6.48B		4.11B	3.53B	6.51	11.8	11.8	13.2	11.7	11.7	10.8	8.57B	30
31	6.43B		4.08B		6.85		11.6	13.7		11.6		8.50B	31
TOTAL	228.14	199.81	141.25	112.11	132.08	294.88	369.1	375.8	382.2	364.5	336.9	298.61	TOTAL
MEAN	7.36	8.71	4.56	3.74	4.26	9.83	11.8	12.1	12.7	11.8	11.2	9.67	MEAN
MAX	8.43	8.38	8.11	4.08	6.77	11.8	12.0	13.7	13.7	12.4	11.8	10.7	MAX
MIN	6.43	8.18	4.08	3.52	3.54	6.84	11.1	11.1	11.7	11.3	10.8	8.50	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.72
MAXIMUM DAILY, 13.7 ON AUG 31
MINIMUM DAILY, 3.52B ON APR 28
MAXIMUM INSTANTANEOUS,
14.4 AT 23:11 MST ON AUG 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 48 55 N
LONG 107 51 11 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 700	JUL	31 000
FEB	13 800	AUG	32 500
MAR	12 200	SEP	33 000
APR	8 690	OCT	31 500
MAY	11 400	NOV	28 100
JUN	25 500	DEC	25 800

TOTAL DISCHARGE, 275 000 dam³

NORTHWEST TERRITORIES

PRAIRIE CREEK AT CADILLAC RIDGE - STATION NO 10EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 00 B	0 600B	0 500B	0 300B	0 600B	37 9	9 89	25 2	9 27	2 400	1 10 B	0 550B	1
2	1 00 B	0 600B	0 450B	0 300B	0 600B	35 6	9 55	26 8	8 97	2 300	1 10 B	0 600B	2
3	0 950B	0 600B	0 450B	0 300B	0 600B	15 5	9 95	29 6	8 93	2 200	1 05 B	0 600B	3
4	0 950B	0 600B	0 450B	0 300B	0 700B	13 2	9 89	25 3	8 63	2 100	1 05 B	0 600B	4
5	0 900B	0 600B	0 450B	0 300B	0 600B	12 8	9 25	20 9	8 37	2 000	1 00 B	0 600B	5
6	0 900B	0 600B	0 450B	0 300B	1 00 B	17 3	8 83	18 7	8 15	1 900	1 00 B	0 550B	6
7	0 900B	0 600B	0 400B	0 300B	1 20 B	22 3	8 47	17 1	7 75	1 800	1 00 B	0 550B	7
8	0 900B	0 550B	0 400B	0 300B	1 50 B	19 6	8 18	16 0	7 53	1 700	0 950B	0 550B	8
9	0 900B	0 550B	0 400B	0 300B	1 80	18 1	7 97	15 1	7 25	1 600	0 950B	0 550B	9
10	0 850B	0 550B	0 400B	0 300B	2 62	18 4	7 76	14 4	7 08	1 600	0 900B	0 550B	10
11	0 850B	0 550B	0 400B	0 300B	2 78	17 6	7 58	13 8	7 05	1 550	0 900B	0 500B	11
12	0 850B	0 550B	0 400B	0 270B	2 15	15 7	7 35	15 5	6 87	1 550	0 900B	0 500B	12
13	0 800B	0 550B	0 400B	0 250B	1 98	15 8	7 83	16 4	6 53	1 500	0 900B	0 500B	13
14	0 800B	0 550B	0 400B	0 250B	2 25	15 6	7 52	20 1	6 45	1 500	0 900B	0 500B	14
15	0 800B	0 550B	0 400B	0 250B	3 03	15 5	7 51	19 7	6 24	1 500	0 850B	0 500B	15
16	0 800B	0 550B	0 400B	0 250B	2 83	15 5	7 40	19 0	6 28	1 450	0 850B	0 450B	16
17	0 800B	0 550B	0 400B	0 250B	3 25	15 1	7 54	18 0	6 61	1 400	0 850B	0 450B	17
18	0 800B	0 550B	0 400B	0 250B	3 24	15 4	7 30	17 1	6 51	1 400	0 800B	0 450B	18
19	0 750B	0 550B	0 400B	0 250B	3 83	15 4	7 43	16 4	6 31	1 400	0 800B	0 400B	19
20	0 750B	0 550B	0 400B	0 250B	5 00	13 5	7 37	15 5	6 09	1 350	0 800B	0 400B	20
21	0 750B	0 550B	0 400B	0 250B	5 61	12 3	7 82	14 7	5 02	1 350	0 750B	0 400B	21
22	0 700B	0 500B	0 400B	0 250B	6 50	11 8	8 77	14 0	4 77	1 300	0 750B	0 400B	22
23	0 700B	0 500B	0 350B	0 250B	7 55	11 8	10 8	13 3	4 66	1 300	0 750B	0 400B	23
24	0 700B	0 500B	0 350B	0 250B	8 85	11 5	11 8	12 8	4 72	1 250	0 732B	0 400B	24
25	0 700B	0 500B	0 350B	0 250B	9 84	12 3	11 1	12 3	4 61	1 250	0 700B	0 350B	25
26	0 700B	0 500B	0 350B	0 250B	11 9	11 4	11 5	11 7	3 47	1 250	0 700B	0 350B	26
27	0 650B	0 500B	0 350B	0 250B	15 5	10 8	11 2	11 2	3 08A	1 200	0 700B	0 350B	27
28	0 600B	0 500B	0 350B	0 250B	21 6	10 8	11 1	10 7	2 80B	1 200	0 700B	0 300B	28
29	0 600B		0 350B	0 275B	32 6	10 8	11 8	10 3	2 60B	1 150	0 700B	0 300B	29
30	0 600B		0 350B	0 300B	44 0	10 3	12 8	9 87	2 50B	1 150	0 650B	0 300B	30
31	0 600B		0 350B		45 8		12 2	9 55		1 100		0 300B	31
TOTAL	24 550	15 400	12 300	8 154	243 810	474 0	285 01	525 02	181 04	47 70	25 782	14 250	TOTAL
MEAN	0 792	0 550	0 397	0 272	7 86	15 8	9 23	16 9	6 03	1 54	0 859	0 460	MEAN
MAX	1 00	0 600	0 500	0 300	45 8	37 9	12 8	38 6	9 27	2 40	1 10	0 850	MAX
MIN	0 600	0 500	0 350	0 250	0 600	10 3	7 30	9 55	2 50	1 10	0 850	0 300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 08
MAXIMUM DAILY, 45 8 ON MAY 31
MINIMUM DAILY, 0 250B ON APR 13
MAXIMUM INSTANTANEOUS,
65 3 AT 19 24 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 40 N
LONG 124 48 25 W
DRAINAGE AREA, 695 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 120	JUL	24 700
FEB	1 330	AUG	45 400
MAR	1 060	SEP	15 600
APR	705	OCT	4 120
MAY	21 100	NOV	2 230
JUN	41 000	DEC	1 230

TOTAL DISCHARGE, 161 000 dam³

PRINCE RIVER NEAR BAKER LAKE - STATION NO 08MA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0 B	84 8	23 2	25 7	32 7	7 958	1 65 B	1
2	---	---	---	---	0B	0 B	80 8	21 9	25 1	30 9	7 558	1 50 B	2
3	---	---	---	---	0B	0 B	78 0	21 0	25 8	29 4	7 198	1 35 B	3
4	---	---	---	---	0B	0 B	72 1	20 1	26 2	27 5	6 808	1 15 B	4
5	---	---	---	---	0B	0 B	68 0	20 7	26 3	27 2	6 458	1 05 B	5
6	---	---	---	---	0B	0 B	64 6	19 1	25 9	27 5	6 158	0 900B	6
7	---	---	---	---	0B	0 B	61 1	18 6	24 9	26 5	5 858	0 750B	7
8	---	---	---	---	0B	0 B	57 6	18 0	24 4	25 4	5 558	0 810B	8
9	---	---	---	---	0B	0 B	54 4	17 5	23 8	24 1	5 258	0 850B	9
10	---	---	---	---	0B	0 B	52 7	17 3	24 0	26 7	5 008	0 400B	10
11	---	---	---	---	0B	0 0100	50 7	16 8	24 3	17 8	4 808	0 300B	11
12	---	---	---	---	0B	0 300B	48 0	15 8	24 1	8 03	4 558	0 200B	12
13	---	---	---	---	0B	1 00 B	47 4	21 7	23 2	21 0 B	4 358	0 100B	13
14	---	---	---	---	0B	2 10 B	46 5	28 2	22 7	20 1 B	4 108	0 B	14
15	---	---	---	---	0B	3 30 B	44 8	30 5	21 5	19 1 B	3 958	0 B	15
16	---	---	---	---	0B	5 60 B	41 5	30 8	21 4	18 1 B	3 758	0 B	16
17	---	---	---	---	0B	12 0 B	38 2	30 4	21 8	17 2 B	3 558	0 B	17
18	---	---	---	---	0B	30 0 B	38 7	30 1	22 1	16 4 B	3 408	0 B	18
19	---	---	---	---	0B	170 B	37 7	29 7	23 8	15 6 B	3 208	0 B	19
20	---	---	---	---	0B	157 A	36 8	28 4	24 0	14 9 B	3 108	0 B	20
21	---	---	---	---	0B	145	35 8	27 9	24 4	14 0 B	2 948	0 B	21
22	---	---	---	---	0B	138	34 7	27 1	24 1	13 3 B	2 808	0 B	22
23	---	---	---	---	0B	129	33 7	27 1	22 8	12 7 B	2 658	0 B	23
24	---	---	---	---	0B	124	31 8	26 2	21 8	12 0 B	2 538	0 B	24
25	---	---	---	---	0B	113	30 8	25 8	22 0	11 4 B	2 408	0 B	25
26	---	---	---	---	0B	108	29 8	25 4	22 2	10 8 B	2 318	0 B	26
27	---	---	---	---	0B	103	28 3	25 0	21 2	10 3 B	2 218	0 B	27
28	---	---	---	---	0B	98 2	27 2	25 2	20 7	9 798	2 108	0 B	28
29	---		---	---	0B	95 2	25 8	25 5	22 8	9 258	2 008	0 B	29
30	---		---	---	0B	90 3	25 0	25 7	22 8	8 798	1 908	0 B	30
31	---		---		0B		24 1	24 9		8 418		0 B	31
TOTAL	---	---	---	---	0	1 521.010	1 432.6	745.8	729.4	586.97	126.33	10.650	TOTAL
MEAN	---	---	---	---	0	50.7	46.2	24.1	24.3	18.9	4.21	0.340	MEAN
MAX	---	---	---	---	0	170	84.6	30.8	32.8	32.7	7.95	1.65	MAX
MIN	---	---	---	---	0	0	24.1	15.8	21.2	8.03	1.90	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.9
MAXIMUM DAILY, 170B ON JUN 19
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 18 00 N
LONG 95 45 00 W
DRAINAGE AREA, 2 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	124 000
FEB	---	AUG	84 400
MAR	---	SEP	83 000
APR	---	OCT	48 000
MAY	0	NOV	10 900
JUN	131 000	DEC	912

TOTAL DISCHARGE, 443 000 dam³

QIMGUQ CREEK NEAR BAKER LAKE - STATION NO. 08MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	0 B	9 15	1 22	1 91	6 82	0B	---	1
2	---	---	---	---	0B	0 B	7 99	1 27	2 41	7 05	0B	---	2
3	---	---	---	---	0B	0 B	7 53	1 02	2 32	6 46	0B	---	3
4	---	---	---	---	0B	0 B	6 54	0 906	2 21	5 78	0B	---	4
5	---	---	---	---	0B	0 B	5 84	1 37	2 15	4 51	0B	---	5
6	---	---	---	---	0B	0 0108	5 05	1 16	3 11	3 50 B	0B	---	6
7	---	---	---	---	0B	0 0208	4 82	0 816	1 84	2 50 B	0B	---	7
8	---	---	---	---	0B	0 0408	4 50	0 722	1 67	1 90 B	0B	---	8
9	---	---	---	---	0B	0 0808	3 94	0 670	1 67	1 40 B	0B	---	9
10	---	---	---	---	0B	0 1508	3 70	0 647	1 97	1 00 B	0B	---	10
11	---	---	---	---	0B	0 2508	3 41	0 633	1 93	0 8678	0B	---	11
12	---	---	---	---	0B	0 4008	3 26	0 686	1 87	0 8218	0B	---	12
13	---	---	---	---	0B	0 5208	3 11	1 14	1 83	0 8188	0B	---	13
14	---	---	---	---	0B	1 10 B	2 95	1 89	1 71	0 1778	0B	---	14
15	---	---	---	---	0B	4 00 B	2 90	1 81	1 89	0 0958	0B	---	15
16	---	---	---	---	0B	---	2 84	1 87	1 92	0 0708	0B	---	16
17	---	---	---	---	0B	---	2 47	1 87	1 83	0 0558	0B	---	17
18	---	---	---	---	0B	---	2 38	1 92	2 01	0 0458	0B	---	18
19	---	---	---	---	0B	---	2 44	1 47	2 20	0 0358	0B	---	19
20	---	---	---	---	0B	---	2 60	1 47	2 43	0 0258	0B	---	20
21	---	---	---	---	0B	---	2 40	1 33	1 85	0 0188	0B	---	21
22	---	---	---	---	0B	---	2 38	1 38	1 78	0 0108	0B	---	22
23	---	---	---	---	0B	---	2 23	1 62	1 71	0 0058	0B	---	23
24	---	---	---	---	0B	---	2 10	1 78	1 88	0 0028	0B	---	24
25	---	---	---	---	0B	---	2 03	1 58	3 00	0 B	0B	---	25
26	---	---	---	---	0B	---	1 88	1 53	3 27	0 B	0B	---	26
27	---	---	---	---	0B	---	1 84	1 59	3 30	0 B	0B	---	27
28	---	---	---	---	0B	12 8 A	1 73	1 66	5 86	0 B	0B	---	28
29	---		---	---	0B	11 5	1 55	1 77	8 47	0 B	0B	---	29
30	---		---	---	0B	10 2	1 28	1 84	7 17	0 B	0B	---	30
31	---		---		0B		1 41	1 72		0 B		---	31
TOTAL	---	---	---	---	0	---	108 25	41 282	76 46	43.283	0	---	TOTAL
MEAN	---	---	---	---	0	---	3 49	1 33	2 82	1 40	0	---	MEAN
MAX	---	---	---	---	0	---	9 15	1 89	8 47	7 05	0	---	MAX
MIN	---	---	---	---	0	---	1 28	0 633	1 52	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 30 N
LONG 96 13 00 W
DRAINAGE AREA, 433 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 350
FEB	---	AUG	3 670
MAR	---	SEP	6 780
APR	---	OCT	3 740
MAY	0	NOV	0
JUN	---	DEC	---

QUBICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 08MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	328	300	244	72.0B	37.0B	1
2	---	---	---	---	---	---	---	302	302	218	70.0B	36.4B	2
3	---	---	---	---	---	---	---	278	498	190	68.5B	35.7B	3
4	---	---	---	---	---	---	---	258A	505	177	66.5B	35.0B	4
5	---	---	---	---	---	---	---	256E	509	166 B	65.0B	34.2B	5
6	---	---	---	---	---	---	---	254E	512	159 B	63.5B	33.6B	6
7	---	---	---	---	---	---	---	250E	511	150 B	62.0B	33.0B	7
8	---	---	---	---	---	---	---	249A	513	144 B	60.5B	32.4B	8
9	---	---	---	---	---	---	---	247	511	136 B	59.5B	31.9B	9
10	---	---	---	---	---	---	---	242	506	133 B	58.0B	31.1B	10
11	---	---	---	---	---	---	---	238	497	128 B	56.5B	30.5B	11
12	---	---	---	---	---	---	---	233	482	125 B	55.0B	30.0B	12
13	---	---	---	---	---	---	---	243	456	120 B	54.0B	29.5B	13
14	---	---	---	---	---	---	---	310	443	116 B	53.0B	29.0B	14
15	---	---	---	---	---	---	---	382	416	113 B	51.5B	28.5B	15
16	---	---	---	---	---	---	1 380A	493	398	110 B	50.5B	28.0B	16
17	---	---	---	---	---	---	1 370	728	390	108 B	49.5B	27.4B	17
18	---	---	---	---	---	---	1 330	692	378	104 B	48.5B	27.0B	18
19	---	---	---	---	---	---	1 210	986	380	101 B	47.5B	26.8B	19
20	---	---	---	---	---	---	1 080	990	343	98.0B	46.0B	26.1B	20
21	---	---	---	---	---	---	984	939	330	96.0B	45.5B	25.7B	21
22	---	---	---	---	---	---	858	871	320	93.0B	44.5B	25.1B	22
23	---	---	---	---	---	---	762	807	306	90.0B	43.5B	24.9B	23
24	---	---	---	---	---	---	677	737	293	88.0B	42.5B	24.4B	24
25	---	---	---	---	---	---	610	686	287	86.0B	41.5B	24.0B	25
26	---	---	---	---	---	---	551	644	278	84.0B	40.5B	23.5B	26
27	---	---	---	---	---	---	500	607A	263	82.0B	40.0B	23.2B	27
28	---	---	---	---	---	---	459	580	248	80.0B	39.0B	22.9B	28
29	---		---	---	---	---	415	551	264	77.5B	38.5B	22.5B	29
30	---		---	---	---	---	373	536	259	76.5B	37.9B	22.1B	30
31	---		---		---		363	509		74.0B		21.9B	31
TOTAL	---	---	---	---	---	---	---	15 605	12 073	3 767.0	1 570.9	883.1	TOTAL
MEAN	---	---	---	---	---	---	---	503	402	122	52.4	28.5	MEAN
MAX	---	---	---	---	---	---	---	990	513	244	72.0	37.0	MAX
MIN	---	---	---	---	---	---	---	333	248	74.0	37.9	21.9	MIN

SUMMARY FOR THE MONTHS APR TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 27 30 N
LONG 94 07 10 W
DRAINAGE AREA, 28 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	1 350 000
MAR	---	SEP	1 040 000
APR	---	OCT	325 000
MAY	---	NOV	136 000
JUN	---	DEC	78 300

NORTHWEST TERRITORIES

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO 10ED004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0038	0.0018	0.0018	0.0018	2.85 B	0.631	0.0308	0.0108	0	0.0138	0.0188	0.0188	1
2	0.0038	0.0018	0.0018	0.0018	3.50 B	0.586	0.0288	0.0208	0	0.0138	0.0188	0.0188	2
3	0.0038	0.0018	0.0018	0.0018	3.55 B	0.5408	0.0288	0.0308	0	0.0138	0.0188	0.0188	3
4	0.0038	0.0018	0.0018	0.0018	4.15 B	0.5108	0.0238	0.0158	0.005	0.0208	0.0178	0.0188	4
5	0.0038	0.0018	0.0018	0.0018	4.85 B	0.4908	0.021A	0.0058	0.015	0.0208	0.0188	0.0188	5
6	0.0036	0.0018	0.0018	0.0018	3.95 B	0.4708	0.020	0.0058	0.068	0.0208	0.0188	0.0188	6
7	0.0038	0.0018	0.0018	0.0028	1.84 B	0.4508	0.017	0.0108	0.064	0.0208	0.0178	0.0188	7
8	0.0038	0.0018	0.0018	0.0028	1.85	0.4308	0.013	0.0208	0.039	0.0208	0.0198	0.0188	8
9	0.0038	0.0018	0.0018	0.0028	2.43	0.410E	0.008	0.0208	0.035	0.0188	0.0218	0.0188	9
10	0.0038	0.0018	0.0018	0.0028	3.30	0.390E	0.006	0.015E	0.029	0.0188	0.0218	0.0188	10
11	0.0038	0.0018	0.0018	0.0028	3.25	0.370E	0.007	0.012E	0.022	0.0188	0.0208	0.0188	11
12	0.0038	0.0018	0.0018	0.0048	3.21	0.355E	0.007	0.012E	0.021	0.0188	0.0188	0.0188	12
13	0.0038	0.0018	0.0018	0.0048	3.39	0.340E	0.005	0.018E	0.018	0.0188	0.0188	0.0188	13
14	0.0038	0.0018	0.0018	0.0058	3.84	0.320E	0.005	0.017E	0.017	0.0188	0.0188	0.0188	14
15	0.0038	0.0018	0.0018	0.0108	3.26	0.305E	0.003	0.016A	0.016	0.0188	0.0088	0.0188	15
16	0.0038	0.0018	0.0018	0.0208	3.18	0.290E	0.002	0.015	0.015	0.0188	0.0038	0.0158	16
17	0.0038	0.0018	0.0018	0.0358	3.17	0.275E	0.002	0.014	0.015	0.0188	0.0018	0.0158	17
18	0.0038	0.0018	0.0018	0.0678	3.20	0.260E	0	0.013	0.015	0.0188	0.0018	0.0158	18
19	0.0038	0.0018	0.0018	0.1408	2.84	0.255E	0	0.008	0.015	0.0178	0.0018	0.0158	19
20	0.0038	0.0018	0.0018	0.3208	1.83	0.235E	0 E	0.007	0.015	0.0178	0.0018	0.0158	20
21	0.0038	0.0018	0.0018	0.3208	1.57	0.215E	0 E	0.007	0.017	0.0168	0.0038	0.0158	21
22	0.0038	0.0018	0.0018	0.4408	1.36	0.190E	0.001E	0.008	0.028	0.0128	0.0038	0.0158	22
23	0.0038	0.0018	0.0018	0.5008	1.27	0.150E	0.001E	0.008	0.031	0.0148	0.0038	0.0158	23
24	0.0038	0.0018	0.0018	0.5008	1.31	0.120E	0.005E	0.007	0.022	0.0158	0.0038	0.0158	24
25	0.0038	0.0018	0.0018	1.10 B	1.28	0.090E	0.010E	0.004	0.040	0.0148	0.0038	0.0158	25
26	0.0018	0.0018	0.0018	1.43 B	1.23	0.070E	0.010E	0	0.045B	0.0158	0.0058	0.0158	26
27	0.0018	0.0018	0.0018	1.90 B	1.14	0.060E	0.010E	0	0.052B	0.0158	0.0058	0.0158	27
28	0.0018	0.0018	0.0018	2.20 B	1.02	0.050E	0.010E	0	0.040B	0.0158	0.0058	0.0158	28
29	0.0018		0.0018	2.30 B	0.927	0.040E	0.005E	0	0.028B	0.0158	0.0058	0.0158	29
30	0.0018		0.0018	2.40 B	0.880	0.035E	0.001E	0	0.015B	0.0158	0.0058	0.0158	30
31	0.0018		0.0018		0.774		0 E	0		0.0158		0.0158	31
TOTAL	0.081	0.028	0.031	14.013	87.781	8.913	0.278	0.313	0.760	0.517	0.290	0.390	TOTAL
MEAN	0.003	0.001	0.001	0.467	2.19	0.297	0.009	0.010	0.025	0.017	0.010	0.013	MEAN
MAX	0.003	0.001	0.001	0.961	2.40	0.85	0.030	0.030	0.065	0.020	0.021	0.015	MAX
MIN	0.001	0.001	0.001	0.001	0.774	0.035	0	0	0	0.012	0.001	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.256
MAXIMUM DAILY, 4.850 ON MAY 5
MINIMUM DAILY, 0 ON JUL 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 27 45 N
LONG 123 24 15 W
DRAINAGE AREA 120 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 00	JUL	33 8
FEB	2 62	AUG	27 0
MAR	2 66	SEP	84 8
APR	1 210	OCT	44 7
MAY	5 850	NOV	25 1
JUN	770	DEC	33 7

TOTAL DISCHARGE, 8 080 dam³

RAT RIVER NEAR FORT MCPHERSON - STATION NO 10MC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	08	08	08	08	0 B	84.0B	14.5	10.8	19.5	3.788	1.73 B	0.8108	1
2	08	08	08	08	0 B	80.0E	13.7	9.19	15.3	3.688	1.68 B	0.6828	2
3	08	08	08	08	0 B	75.0E	12.8	8.31	13.7	3.608	1.63 B	0.5538	3
4	08	08	08	08	0 B	65.0E	12.6	10.4	11.1	3.548	1.58 B	0.5308	4
5	08	08	08	08	0 B	57.0E	12.2	10.6	9.49	3.478	1.53 B	0.5108	5
6	08	08	08	08	0 B	50.0E	11.2	12.9	7.86	3.388	1.48 B	0.4888	6
7	08	08	08	08	0 B	44.0E	10.5	10.9	8.91	3.318	1.44 B	0.4708	7
8	08	08	08	08	0 B	39.0E	9.67	9.63	8.40	3.258	1.40 B	0.4488	8
9	08	08	08	08	0 B	36.0E	9.42	8.74	8.45	3.178	1.36 B	0.4308	9
10	08	08	08	08	0 B	32.5E	9.18	8.07	8.86	3.088	1.32 B	0.4128	10
11	08	08	08	08	0 B	29.5E	9.06	7.60	7.54	3.018	1.27 B	0.3888	11
12	08	08	08	08	0 B	27.5E	8.90	7.14	7.25	2.978	1.23 B	0.3808	12
13	08	08	08	08	0 B	25.2E	8.48	6.83	6.77	2.888	1.19 B	0.3688	13
14	08	08	08	08	0 B	23.5E	7.78	6.51	5.19	2.818	1.16 B	0.3528	14
15	08	08	08	08	0 B	21.8E	7.34	6.32	6.63	2.758	1.12 B	0.3408	15
16	08	08	08	08	0.002B	20.5E	7.50	6.03	5.38	2.688	1.08 B	0.3288	16
17	08	08	08	08	0.004B	19.3E	7.05	5.78	5.66	2.618	1.04 B	0.3158	17
18	08	08	08	08	0.022B	18.1E	6.75	4.25	5.37	2.558	1.01 B	0.3028	18
19	08	08	08	08	0.058B	17.2E	6.38	2.38	4.81	2.498	0.9768	0.2928	19
20	08	08	08	08	0.158B	16.3E	5.98	3.17	4.63	2.428	0.9408	0.2828	20
21	08	08	08	08	0.320B	21.3	5.88	3.01	4.48	2.368	0.9108	0.2728	21
22	08	08	08	08	0.580B	18.0	6.10	1.88	4.408	2.308	0.8768	0.2628	22
23	08	08	08	08	1.10 B	21.6	5.90	1.74	4.328	2.248	0.8468	0.2548	23
24	08	08	08	08	2.00 B	18.1	5.84	4.37	4.258	2.188	0.8148	0.2468	24
25	08	08	08	08	3.50 B	15.4	6.22	6.42	4.188	2.128	0.7908	0.2388	25
26	08	08	08	08	6.20 B	14.2	11.0	5.74	4.108	2.088	0.7808	0.2328	26
27	08	08	08	08	10.5 B	14.6	10.7	4.87	4.038	2.008	0.7308	0.2208	27
28	08	08	08	08	18.2 B	14.8	9.18	5.37	3.978	1.958	0.7008	0.2128	28
29	08		08	08	34.0 B	14.3	8.84	5.17	3.888	1.898	0.6708	0.2128	29
30	08		08	08	62.0 B	14.7	8.18	7.49	3.828	1.848	0.6408	0.2068	30
31	08		08		86.0 B		9.81	17.7		1.788		0.2008	31
TOTAL	0	0	0	0	236.852	572.5	278.84	218.53	204.41	84.14	33.888	10.980	TOTAL
MEAN	0	0	0	0	7.83	32.4	8.99	7.05	6.81	2.71	1.13	0.354	MEAN
MAX	0	0	0	0	86.0	86.0	14.5	17.7	19.5	3.78	1.73	0.810	MAX
MIN	0	0	0	0	0	14.2	8.89	1.74	3.82	1.78	0.840	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.89
MAXIMUM DAILY, 86.0B ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 40 45 N
LONG 134 42 30 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	24 100
FEB	0	AUG	16 900
MAR	0	SEP	17 700
APR	0	OCT	7 270
MAY	20 400	NOV	3 030
JUN	86 000	DEC	847

TOTAL DISCHARGE, 176 000 dam³

REDSTONE RIVER NEAR THE MOUTH - STATION NO 10HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30 6B	27 0B	26 0B	26 0B	1150	1 500E	461	461	209	123	43 4B	23 9B	1
2	30 6B	27 0B	26 0B	26 1B	1240	980E	430	1 350	202	131	42 0B	23 7B	2
3	30 5B	26 9B	26 0B	26 2B	1330	605A	397	1 220	208	134	40 4B	23 5B	3
4	30 3B	26 9B	26 0B	26 4B	1430	401	372	899	225	130	39 4B	23 3B	4
5	30 2B	26 8B	26 0B	26 7B	1530	304	354	656	227	121	38 2B	23 1B	5
6	30 1B	26 6B	26 0B	27 0B	1630	305	354	502	222	111	37 0B	22 9B	6
7	30 0B	26 7B	26 0B	27 4B	1730	569	359	406	224	109	36 0B	22 7B	7
8	29 9B	26 7B	26 0B	27 8B	1840	588	357	350	218	109	35 1B	22 5B	8
9	29 7B	26 6B	26 0B	28 3B	1950	324	357	30	206	107	34 2B	22 4B	9
10	29 6B	26 6B	26 0B	28 8B	2060	214	355	282	197	96 3	33 3B	22 2B	10
11	29 4B	26 5B	26 0B	29 4B	2170	359	327	269	191	95 3	32 5B	22 0B	11
12	29 3B	26 5B	26 0B	30 2B	2300	489	368	278	185	104	31 6B	21 8B	12
13	29 1B	26 4B	26 0B	31 0B	2430	602	417	289	178	114	31 0B	21 7B	13
14	29 0B	26 4B	26 0B	31 8B	2550	602	475	302	178	108	30 3B	21 6B	14
15	28 8B	26 3B	26 0B	32 0B	2670	472	528	298	172	98 9	29 7B	21 4B	15
16	28 7B	26 2B	26 0B	34 2B	2810	518	548	318	169	89 8	28 2B	21 3B	16
17	28 6B	26 2B	26 0B	35 3B	2960	547	578	418	167	75 0	26 7B	21 2B	17
18	28 5B	26 2B	26 0B	37 0B	3100	530	578	430	162	71 8B	26 0B	21 1B	18
19	28 4B	26 1B	26 0B	38 8B	3270	764	472	428	158	89 2B	27 4B	21 0B	19
20	28 2B	26 1B	26 0B	41 3B	3380	658	397	431	155	84 9B	27 0B	20 8B	20
21	28 1B	26 1B	26 0B	44 4B	3500	550	359	394	151	84 0B	26 8B	20 7B	21
22	28 0B	26 1B	26 0B	46 2B	3570	546	332	356	147	81 9B	26 3B	20 6B	22
23	27 9B	26 1B	26 0B	53 0B	3560	521	341	329	143	90 2B	26 0B	20 5B	23
24	27 8B	26 1B	26 0B	59 0B	3150	661	424	318	142	97 0B	25 8B	20 4B	24
25	27 7B	26 0B	26 0B	66 0B	2930	843	444	302	141	96 0B	25 3B	20 3B	25
26	27 6B	26 0B	26 0B	73 2B	3070	688	382	288	135	93 2B	25 0B	20 2B	26
27	27 5B	26 0B	26 0B	81 0B	3750	838	340	270	127	91 2B	24 6B	20 1B	27
28	27 4B	26 0B	26 0B	89 0B	4500	688	338	256	120	48 5B	24 6B	20 1B	28
29	27 3B		26 0B	97 5B	5400	542	417	241	111	48 0B	24 4B	20 0B	29
30	27 2B		26 0B	106 9	6500	503	502	226	114	48 2B	24 1B	20 0B	30
31	27 1B		26 0B		1 2500		488	218		48 2B		19 9B	31
TOTAL	883 3	738 3	806 0	1 330 0	10 205	16 930	12 579	13 099	5 182	2 851 4	927 3	686 8	TOTAL
MEAN	28 6	26 4	26 0	44 3	329	564	406	423	173	85 5	30 9	21 5	MEAN
MAX	30 6	27 0	26 0	106	1 250	1 500	578	1 350	227	134	43 4	23 9	MAX
MIN	27 1	26 0	26 0	26 0	115	214	257	218	111	44 8	24 1	19 9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 1 500E ON JUN 1
MINIMUM DAILY, 19 9B ON DEC 31
MAXIMUM INSTANTANEOUS,
1 530 AT 18 18 MST ON AUG 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 55 37 N
LONG 125 16 07 W
DRAINAGE AREA, 15 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 300	JUL	1 090 000
FEB	63 900	AUG	1 130 000
MAR	69 600	SEP	448 000
APR	115 000	OCT	229 000
MAY	882 000	NOV	80 100
JUN	1 460 000	DEC	57 600

TOTAL DISCHARGE, 5 700 000 dam³

RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	24.1	3.20	0.184	0.143	0.1328	0.2058	0.0888	1
2	0B	0B	0B	0B	0 B	37.5	2.91	0.252	0.144	0.1398	0.2048	0.0808	2
3	0B	0B	0B	0B	0 B	26.0	2.63	0.294	0.132	0.1488	0.2038	0.0748	3
4	0B	0B	0B	0B	0 B	23.7	2.43	0.331	0.104	0.1528	0.2028	0.0888	4
5	0B	0B	0B	0B	0 B	21.8	2.25	0.503	0.088	0.1588	0.2018	0.0828	5
6	0B	0B	0B	0B	0 B	20.2	2.08	0.512	0.088	0.1888	0.2008	0.0888	6
7	0B	0B	0B	0B	0 B	18.7	1.90	0.487	0.081	0.1728	0.1988	0.0508	7
8	0B	0B	0B	0B	0 B	17.4	1.73	0.476	0.075	0.1788	0.1988	0.0448	8
9	0B	0B	0B	0B	0 B	16.0	1.53	0.480A	0.075	0.1858	0.1988	0.0388	9
10	0B	0B	0B	0B	0 B	14.8	1.40	0.394E	0.075	0.1908	0.1938	0.0348	10
11	0B	0B	0B	0B	0 B	13.6	1.23	0.370E	0.075	0.1958	0.1908	0.0308	11
12	0B	0B	0B	0B	0 B	12.0	1.07	0.388E	0.078	0.2008	0.1878	0.0288	12
13	0B	0B	0B	0B	0 B	10.7	0.969	0.368E	0.078	0.2018	0.1828	0.0228	13
14	0B	0B	0B	0B	0 B	9.52	0.913	0.310E	0.078	0.2038	0.1808	0.0188	14
15	0B	0B	0B	0B	0 B	8.52	0.880	0.282E	0.077	0.2058	0.1788	0.0148	15
16	0B	0B	0B	0B	0 B	7.92	0.883	0.274E	0.077	0.2078	0.1728	0.0118	16
17	0B	0B	0B	0B	0 B	7.10	0.857	0.250E	0.083	0.2068	0.1678	0.0088	17
18	0B	0B	0B	0B	0 B	6.61	0.855	0.226E	0.091	0.2038	0.1638	0.0068	18
19	0B	0B	0B	0B	0 B	6.16	0.855	0.198E	0.088	0.2058	0.1578	0.0048	19
20	0B	0B	0B	0B	0 B	5.70	0.777	0.174E	0.081	0.2108	0.1518	0.0028	20
21	0B	0B	0B	0B	0 B	5.32	0.515	0.185E	0.077	0.2108	0.1478	0 B	21
22	0B	0B	0B	0B	0 B	5.04	0.488	0.158E	0.0808	0.2108	0.1408	0 B	22
23	0B	0B	0B	0B	0 B	4.81	0.428	0.148E	0.0828	0.2108	0.1388	0 B	23
24	0B	0B	0B	0B	0 B	4.79	0.298	0.178E	0.0858	0.2108	0.1308	0 B	24
25	0B	0B	0B	0B	0 B	4.65	0.238	0.192E	0.0868	0.2088	0.1258	0 B	25
26	0B	0B	0B	0B	0.013B	4.46	0.255	0.183E	0.1018	0.2088	0.1188	0 B	26
27	0B	0B	0B	0B	0.080B	4.23	0.312	0.178E	0.1088	0.2088	0.1138	0 B	27
28	0B	0B	0B	0B	0.330B	3.98	0.280	0.174E	0.1118	0.2078	0.1078	0 B	28
29	0B		0B	0B	0.800B	3.80	0.215	0.185E	0.1188	0.2078	0.1008	0 B	29
30	0B		0B	0B	2.40 B	3.68	0.187	0.158E	0.1288	0.2088	0.0948	0 B	30
31	0B		0B		6.80 B		0.174	0.148A		0.2058		0 B	31
TOTAL	0	0	0	0	10.223	342.69	34.804	8.882	2.870	5.857	4.937	0.735	TOTAL
MEAN	0	0	0	0	0.330	11.4	1.12	0.277	0.088	0.182	0.165	0.024	MEAN
MAX	0	0	0	0	6.80	27.5	3.20	0.512	0.144	0.210	0.205	0.088	MAX
MIN	0	0	0	0	0	3.68	0.174	0.148	0.078	0.132	0.094	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 27.5 ON JUN 2
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
35.6 AT 13:30 MST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 46 35 N
LONG 133 51 35 W
DRAINAGE AREA, 1 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	3 010
FEB	0	AUG	761
MAR	0	SEP	248
APR	0	OCT	515
MAY	883	NOV	427
JUN	29 600	DEC	83.6

TOTAL DISCHARGE, 35 900 dam³

NORTHWEST TERRITORIES

ROBT RIVER NEAR THE MOUTH - STATION NO 10EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19 8B	12 0B	11 0B	10 5B	50 0B	716	98 8	189	84 4	54 1	21 5B	15 5B	1
2	19 5B	12 0B	11 0B	10 5B	61 5B	605	87 3	631	84 4	55 5	21 2B	15 5B	2
3	19 0B	12 0B	11 0B	10 5B	64 5B	512	77 1	531 A	82 9	56 4	21 0B	15 5B	3
4	18 0B	12 0B	11 0B	10 5B	74 5B	193	70 9	376 E	80 4	56 2	20 8B	15 0B	4
5	17 5B	12 0B	11 0B	10 5B	83 3B	168	67 1	312 E	90 2	55 8	20 6B	15 0B	5
6	17 0B	11 5B	11 0B	10 5B	56 8B	156	65 6	280 E	87 5	52 5	20 4B	15 0B	6
7	16 5B	11 5B	11 0B	10 5B	86 0B	218	67 5	215 E	84 5	51 3	20 1B	14 5B	7
8	15 0B	11 5B	11 0B	10 5B	84 3	316	68 6	174 A	83 0	51 4	20 0B	14 0B	8
9	15 5B	11 5B	11 0B	10 5B	106	281	66 6	148	80 2	53 2	19 4B	14 0B	9
10	15 0B	11 5B	11 0B	10 5B	102	223	66 6	138	77 9	50 6	19 0B	14 0B	10
11	14 5B	11 0B	11 0B	10 5B	114 B	215	67 9	138	76 6	47 9	19 0B	14 0B	11
12	14 0B	11 5B	11 0B	10 5B	125 B	185	66 3	140	73 6	44 0B	18 0B	13 5B	12
13	13 5B	11 5B	11 0B	10 5B	130 B	169	66 7	152	71 6	42 0B	18 5B	13 5B	13
14	13 5B	11 5B	11 0B	10 5B	133 B	138	66 7	151	70 1	40 0B	18 0B	12 5B	14
15	13 0B	11 0B	11 0B	10 5B	150 B	134	110	162	68 9	37 0B	18 0B	13 0B	15
16	13 0B	11 0B	11 0B	10 5B	170 B	126	98 1	162	66 9	35 0B	18 0B	13 0B	16
17	13 0B	11 0B	11 0B	10 5B	160 B	116	103	333	66 9	33 0B	17 5B	13 0B	17
18	13 0B	11 0B	11 0B	10 5B	130	139	132	333	66 9	31 0B	17 5B	13 0B	18
19	12 5B	11 0B	11 0B	10 5B	111	428	126	243	66 0	30 0B	17 0B	12 5B	19
20	12 5B	11 0B	11 0B	10 2B	166	379	96 2	215	66 1	29 0B	17 0B	12 5B	20
21	12 5B	11 0B	11 0B	10 5B	303	204	85 0	189	66 9	28 0B	17 0B	12 0B	21
22	12 0B	11 0B	11 0B	10 5B	253	167	81 7	167	65 2	27 0B	17 0B	12 0B	22
23	12 0B	11 0B	11 0B	10 7B	191	131	67 1	148	64 6	26 5B	16 5B	12 0B	23
24	12 0B	11 0B	11 0B	12 0B	146	181	144	137	64 0	25 0B	16 5B	12 0B	24
25	12 0B	11 0B	11 0B	14 0B	309	186	170	126	62 8	25 0B	16 0B	12 0B	25
26	12 0B	11 0B	10 5B	18 0B	394	137	163	115	60 0	24 5B	16 0B	12 0B	26
27	12 0B	11 0B	10 5B	22 0B	484	139	120	107	60 6	24 0B	16 0B	11 5B	27
28	12 0B	11 0B	10 5B	27 0B	575	120	165	100	60 5	23 5B	16 0B	11 5B	28
29	12 0B		10 5B	33 0B	638	107	163	93 5	59 6	23 0B	16 0B	11 0B	29
30	12 0B		10 5B	40 0B	700	108	212	88 5	59 5	22 5B	15 8B	11 0B	30
31	12 0B		10 5B		828		187	84 6		22 0B		11 0B	31
TOTAL	438 8	318 0	338 0	407 4	7 032 1	6 933	3 175 2	5 674 6	2 170 2	1 177 9	567 3	407 5	TOTAL
MEAN	14 2	11 4	10 9	13 6	227	217	102	209	72 3	38 0	18 2	13 1	MEAN
MAX	19 6	12 0	11 0	40 0	828	716	212	631	90 2	56 4	21 5	15 8	MAX
MIN	12 0	11 0	10 5	10 2	50 0	107	65 6	84 6	59 5	22 0	15 8	11 0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79 5
MAXIMUM DAILY, 631 ON AUG 2
MINIMUM DAILY, 10 2B ON APR 30
MAXIMUM INSTANTANEOUS,
1 360 AT 15 30 MST ON AUG 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 40 N
LONG 123 25 45 W
DRAINAGE AREA, 7 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 900	JUL	274 000
FEB	27 500	AUG	559 000
MAR	29 200	SEP	188 000
APR	35 200	OCT	102 000
MAY	608 000	NOV	47 300
JUN	584 000	DEC	35 200

TOTAL DISCHARGE, 2 510 000 dam³

SAHNDAA CREEK AT WRIGLEY HIGHWAY - STATION NO 10GC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0.0018	0.0108	0.0058	2.458	15.0	0.484	0.096	0.082	0.0288	0.0258	0B	1
2	0 B	0.0018	0.0108	0.0058	2.058	10.8	0.417	0.210	0.064	0.0288	0.0208	0B	2
3	0 B	0.0018	0.0108	0.0058	2.588	8.06	0.382	0.244	0.050	0.0288	0.0188	0B	3
4	0 B	0.0018	0.0108	0.0058	2.038	5.93	0.321	0.280	0.048	0.0288	0.0108	0B	4
5	0 B	0.0018	0.0108	0.0058	1.848	4.25	0.282	0.456	0.048	0.0288	0.0108	0B	5
6	0 B	0.0038	0.0128	0.0058	1.788	3.51	0.248	0.445	0.049	0.0258	0.0108	0B	6
7	0 B	0.0038	0.0128	0.0058	1.908	3.80	0.211	0.421	0.049	0.0258	0.0108	0B	7
8	0 B	0.0038	0.0128	0.0058	2.138	3.82	0.187	0.371	0.045	0.0268	0.0058	0B	8
9	0 B	0.0038	0.0128	0.0058	3.208	3.58	0.156	0.332	0.045	0.0268	0.0058	0B	9
10	0 B	0.0038	0.0128	0.0058	4.378	3.10	0.152	0.284	0.043	0.0288	0.0038	0B	10
11	0 B	0.0058	0.0108	0.0058	7.398	2.41	0.141	0.238	0.044	0.0388	0.0058	0B	11
12	0 B	0.0058	0.0108	0.0058	8.458	2.03	0.131	0.208	0.044A	0.0398	0.0038	0B	12
13	0 B	0.0058	0.0108	0.0058	8.248	1.80	0.132	0.181	0.044E	0.0408	0.0018	0B	13
14	0 B	0.0058	0.0108	0.0058	8.928	1.63	0.148	0.178	0.043E	0.0408	0.0018	0B	14
15	0 B	0.0058	0.0108	0.0058	10.18	1.48	0.132	0.188	0.043E	0.0458	0 B	0B	15
16	0 B	0.0058	0.0108	0.0058	12.68	1.44	0.112	0.188	0.043E	0.0458	0 B	0B	16
17	0 B	0.0058	0.0108	0.0058	11.98	1.31	0.102	0.207	0.042E	0.0508	0 B	0B	17
18	0 B	0.0058	0.0108	0.0058	10.08	1.31	0.095	0.228	0.042E	0.0508	0 B	0B	18
19	0 B	0.0058	0.0108	0.0058	10.8	1.47	0.105	0.226	0.041E	0.0558	0 B	0B	19
20	0 B	0.0058	0.0108	0.0058	13.7	1.54	0.109	0.238A	0.041E	0.0608	0 B	0B	20
21	0 B	0.0078	0.0088	0.0058	16.2	1.48	0.095	0.234E	0.041E	0.0658	0 B	0B	21
22	0 B	0.0078	0.0088	0.0058	15.4	1.33	0.081	0.244E	0.040E	0.0658	0 B	0B	22
23	0 B	0.0078	0.0088	0.0208	12.3	1.20	0.080	0.251	0.040E	0.0708	0 B	0B	23
24	0 B	0.0078	0.0088	0.1008	11.3	1.08	0.089	0.258	0.039E	0.0758	0 B	0B	24
25	0 B	0.0078	0.0038	0.2408	13.6	0.981	0.058	0.232	0.039E	0.0788	0 B	0B	25
26	0.0018	0.0078	0.0088	0.4608	20.8	0.881	0.053	0.200	0.038E	0.0708	0 B	0B	26
27	0.0018	0.0078	0.0088	0.9008	26.4	0.781	0.052	0.183	0.038B	0.0658	0 B	0B	27
28	0.0018	0.0078	0.0088	1.50 B	23.9	0.696	0.050	0.133	0.038B	0.0608	0 B	0B	28
29	0.0018		0.0088	2.90 B	24.3	0.618	0.049	0.111	0.037B	0.0508	0 B	0B	29
30	0.0018		0.0088	2.34 B	26.0	0.547	0.048	0.093	0.037B	0.0408	0 B	0B	30
31	0.0018		0.0088		19.9		0.048	0.082		0.0338		0B	31
TOTAL	0.006	0.126	0.298	5.570	323.13	88.066	4.703	7.176	1.329	1.490	0.126	0	TOTAL
MEAN	0	0.005	0.010	0.186	10.4	2.94	0.152	0.231	0.044	0.048	0.004	0	MEAN
MAX	0.001	0.007	0.012	2.90	26.8	15.0	0.484	0.458	0.082	0.078	0.025	0	MAX
MIN	0	0.001	0.008	0.005	1.78	0.547	0.048	0.082	0.037	0.030	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 26.8 ON MAY 26
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
25.8 AT 21:28 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 30 N
LONG 122 12 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0.52	JUL	466
FEB	10.9	AUG	520
MAR	25.7	SEP	115
APR	740	OCT	129
MAY	27 900	NOV	10.8
JUN	7 610	DEC	0

TOTAL DISCHARGE, 37 800 dam³

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO 10HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 700	2 250	1 900	1 670	1 680	163	75 6A	139 A	24 3	7 40 B	0 8500	0 7000	1
2	2 700	2 200	1 850	1 670	1 700	127	72 0A	159	23 5	7 20 B	0 8500	0 7000	2
3	2 600	2 200	1 850	1 670	1 750	96 3	68 2A	151 A	24 3	7 00 B	0 8500	0 7000	3
4	2 600	2 200	1 850	1 670	1 800	36 6	64 5A	123 A	24 2	6 80 B	0 8500	0 7000	4
5	2 600	2 200	1 850	1 670	1 850	38 5	61 9A	98 9A	23 6	6 60 B	0 8000	0 7000	5
6	2 600	2 150	1 800	1 650	1 900	35 3	68 7	70 1A	24 7	6 20 B	0 8000	0 7000	6
7	2 600	2 150	1 800	1 650	1 950	36 3	61 1	56 5A	23 2	6 80 B	0 8000	0 7000	7
8	2 600	2 100	1 800	1 650	2 030	35 3	57 8	50 3E	21 8	5 80 B	0 8000	0 7000	8
9	2 500	2 150	1 800	1 650	2 130	34 5	56 5	46 8E	21 1	5 60 B	0 8000	0 7000	9
10	2 500	2 100	1 800	1 650	2 240	39 0	54 6	43 9E	20 0	5 00 B	0 7500	0 7000	10
11	2 500	2 100	1 750	1 650	2 340	53 6	54 0A	41 6E	19 3	4 80 B	0 7500	0 7000	11
12	2 500	2 100	1 750	1 650	2 480	66 4	59 1E	38 8A	18 5	4 20 B	0 7500	0 7000	12
13	2 500	2 100	1 750	1 650	2 670	82 7	62 6E	44 0A	18 0	3 80 B	0 7500	0 6500	13
14	2 500	2 050	1 750	1 650	2 200	75 3	60 4E	43 9	17 3	3 60 B	0 7500	0 6500	14
15	2 500	2 050	1 750	1 650	4 44	81 9	92 2A	44 3	18 8	3 30 B	0 7500	0 6500	15
16	2 450	2 050	1 750	1 650	3 75	93 3	77 0E	51 8A	15 8	3 00 B	0 7500	0 6500	16
17	2 400	2 000	1 700	1 650	3 37	86 0	63 2A	57 9A	14 8	2 80 B	0 7500	0 6500	17
18	2 400	2 000	1 700	1 650	3 25	89 2	82 9E	57 9A	14 3	2 50 B	0 7500	0 6500	18
19	2 400	2 000	1 700	1 650	4 56	103	91 0E	56 4A	13 8	2 30 B	0 7500	0 6500	19
20	2 400	2 000	1 700	1 650	5 51	86 6	86 6E	51 4	13 0	2 10 B	0 7500	0 6500	20
21	2 400	2 000	1 700	1 630	5 78	99 0	62 2E	46 0	12 7	1 95 B	0 7500	0 6500	21
22	2 350	2 000	1 700	1 630	5 38	106	76 6E	42 5	12 5	1 80 B	0 7500	0 6500	22
23	2 350	1 950	1 700	1 630	4 82	106	74 6E	41 3	12 2	1 80 B	0 7418	0 6000	23
24	2 350	1 950	1 700	1 630	5 04	107	69 1E	39 7	11 9	1 60 B	0 7000	0 6000	24
25	2 300	1 950	1 670	1 630	7 71	131	68 8A	39 7	11 4	1 30 B	0 7000	0 6000	25
26	2 300	1 900	1 670	1 630	10 8	120	80 5A	35 6	10 4	1 25 B	0 7000	0 6000	26
27	2 300	1 900	1 670	1 630	13 6	102	67 0A	34 6	9 55	1 15 B	0 7000	0 6000	27
28	2 300	1 900	1 670	1 630	16 9	95 6	62 1A	32 3	8 508	1 10 B	0 7000	0 6000	28
29	2 250		1 670	1 650	27 7	91 1A	64 1A	29 6	8 808	1 05 B	0 7000	0 6000	29
30	2 250		1 670	1 660	57 7	83 6E	76 4A	27 3	7 008	1 00 B	0 7000	0 6000	30
31	2 250		1 670	122			93 1E	25 6		0 9008		0 6000	31
TOTAL	78 95	57 75	54 09	49 45	335 20	2 459 3	2 015 2	1 613 9	492 95	109 500	22 791	20 250	TOTAL
MEAN	2 45	2 05	1 74	1 65	10 8	82 0	65 0	52 0	16 4	3 53	0 760	0 653	MEAN
MAX	2 70	2 25	1 90	1 67	122	163	93 1	159	24 7	7 40	0 850	0 700	MAX
MIN	2 25	1 90	1 67	1 63	1 68	34 5	34 0	25 6	6 50	0 900	0 700	0 600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20 6
MAXIMUM DAILY, 163 ON JUN 1
MINIMUM DAILY, 0 6008 ON DEC 22
MAXIMUM INSTANTANEOUS,
193 AT 00 16 MST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 45 40 N
LONG 126 41 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 580	JUL	174 000
FEB	4 980	AUG	157 000
MAR	4 670	SEP	42 600
APR	4 270	OCT	9 480
MAY	28 000	NOV	1 970
JUN	212 000	DEC	1 750

TOTAL DISCHARGE, 648 000 dam³

SIURAO CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 05LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0B	---	17 9 E	4.78	14.5	10.9	2.20 B	---	1
2	---	---	---	---	0B	---	16.6 E	4.58	15.4	17.2	2.05 B	---	2
3	---	---	---	---	0B	---	15.3 E	4.28	15.5	16.8	1.80 B	---	3
4	---	---	---	---	0B	---	14.2 E	4.08	15.5	16.0	1.55 B	---	4
5	---	---	---	---	0B	---	13.1 E	3.95	16.4	15.8	1.30 B	---	5
6	---	---	---	---	0B	---	13.1 E	3.88	18.3	14.3	1.20 B	---	6
7	---	---	---	---	0B	---	11.2 E	3.75	18.8	13.5	1.05 B	---	7
8	---	---	---	---	0B	---	10.4 A	3.58	18.7	12.4	0.9008	---	8
9	---	---	---	---	0B	---	9.82E	3.28	18.2	12.5	0.7508	---	9
10	---	---	---	---	0B	---	8.90E	2.99	20.1	12.3	0.6508	---	10
11	---	---	---	---	0B	---	8.24E	2.78	21.5	8.82	0.5508	---	11
12	---	---	---	---	0B	---	7.63E	2.63	21.8	7.658	0.4508	---	12
13	---	---	---	---	0B	---	7.08E	3.15	21.3	6.958	0.3508	---	13
14	---	---	---	---	0B	---	6.53E	3.96	21.0	6.308	0.2508	---	14
15	---	---	---	---	0B	---	8.30E	6.28	20.4	5.858	0.1708	---	15
16	---	---	---	---	0B	---	8.10E	7.12	20.2	5.408	0.1008	---	16
17	---	---	---	---	0B	---	8.01E	7.01	20.1	5.058	0.0508	---	17
18	---	---	---	---	0B	---	8.91E	6.83	20.1	5.008	0 B	---	18
19	---	---	---	---	0B	---	9.82E	16.4	20.1	5.208	---	---	19
20	---	---	---	---	0B	---	9.73E	18.5	19.6	5.408	---	---	20
21	---	---	---	---	0B	---	9.85E	17.5	19.0	5.358	---	---	21
22	---	---	---	---	0B	---	9.86E	16.7	18.5	5.058	---	---	22
23	---	---	---	---	0B	---	9.67E	16.0	17.8	4.608	---	---	23
24	---	---	---	---	0B	---	9.39E	15.2	17.5	4.108	---	---	24
25	---	---	---	---	0B	---	9.31E	14.4	17.1	3.758	---	---	25
26	---	---	---	---	0B	---	9.22E	14.1	16.8	3.408	---	---	26
27	---	---	---	---	0B	---	9.14E	14.5	16.6	3.108	---	---	27
28	---	---	---	---	0B	---	9.08E	14.8	17.3	2.858	---	---	28
29	---		---	---	0B	---	8.99E	15.2	18.1	2.658	---	---	29
30	---		---	---	0B	---	8.91E	15.1	18.7	2.508	---	---	30
31	---		---		0B		8.83A	14.7		2.358		---	31
TOTAL	---	---	---	---	0	---	352.17	384.05	539.6	248.72	---	---	TOTAL
MEAN	---	---	---	---	0	---	8.13	9.15	18.0	8.02	---	---	MEAN
MAX	---	---	---	---	0	---	17.9	18.5	21.8	17.2	---	---	MAX
MIN	---	---	---	---	0	---	4.83	2.83	14.5	2.35	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 00 N
LONG 98 32 00 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21 600
FEB	---	AUG	24 500
MAR	---	SEP	46 000
APR	---	OCT	21 500
MAY	0	NOV	---
JUN	---	DEC	---

NORTHWEST TERRITORIES

SLAVE RIVER NEAR THE MOUTH - STATION NO 10JD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 460	0 9860	0 7400	0 6020	0 5510	4 450	132	30 0	17 2	35 00	23 10	10 4 0	1
2	1 440	0 9790	0 7320	0 6010	0 5500	7 000	123	28 7	17 2	37 00	22 00	10 1 0	2
3	1 430	0 9620	0 7260	0 6000	0 5500	9 850	112	28 7	17 2	37 00	22 10	9 830	3
4	1 410	0 9530	0 7200	0 5990	0 5500	12 2 0	106	27 6	18 0	36 00	21 00	9 660	4
5	1 380	0 9420	0 7130	0 5970	0 5500	17 0 0	98 1	26 2	18 0	35 00	21 10	9 330	5
6	1 370	0 9330	0 7030	0 5930	0 5500	22 6 0	90 2	25 7	20 0	35 00	20 00	9 030	6
7	1 360	0 9210	0 7000	0 5900	0 5500	28 6 0	83 7	25 1	22 3	35 00	20 10	8 830	7
8	1 330	0 9100	0 6970	0 5870	0 5500	34 0	76 3	24 3	25 0	35 10	19 70	8 610	8
9	1 320	0 9000	0 6960	0 5830	0 5500	37 0	71 5	23 8	26 5	34 70	19 10	8 400	9
10	1 300	0 8880	0 6900	0 5810	0 5500	47 0	66 5	23 0	27 7	34 20	18 70	8 190	10
11	1 280	0 8850	0 6820	0 5800	0 5510	53 4	64 2	22 5	28 0	33 70	18 20	8 000	11
12	1 260	0 8760	0 6760	0 5780	0 5520	58 1	61 5	22 1	28 0	33 20	17 70	7 780	12
13	1 240	0 8680	0 6730	0 5760	0 5530	63 6	59 1	21 7	28 0	33 00	17 20	7 580	13
14	1 230	0 8580	0 6660	0 5740	0 5540	67 7	57 7	21 2	31 5	32 90	16 80	7 400	14
15	1 220	0 8500	0 6630	0 5720	0 5570	104	54 0	20 7	32 1	31 70	16 30	7 230	15
16	1 200	0 8400	0 6600	0 5700	0 5610	113	52 5	20 2	32 5	31 20	15 90	7 030	16
17	1 180	0 8320	0 6560	0 5680	0 5670	116	51 2	19 7	33 4	30 70	15 50	6 810	17
18	1 160	0 8240	0 6510	0 5660	0 5760	125	49 8	19 3	33 3	30 20	15 10	6 730	18
19	1 150	0 8180	0 6470	0 5640	0 5870	141	48 5	18 8	33 1	29 80	14 70	6 570	19
20	1 140	0 8070	0 6420	0 5620	0 6000	157	47 1	18 4	34 6	29 20	14 30	6 430	20
21	1 130	0 8000	0 6400	0 5610	0 6150	171	45 7	18 4	35 7	28 70	13 80	6 280	21
22	1 110	0 7970	0 6380	0 5600	0 6400	182	44 5	18 1	35 7	28 10	13 40	6 100	22
23	1 100	0 7900	0 6330	0 5590	0 6580	191	43 5	17 8	36 7	27 60	13 10	6 000	23
24	1 080	0 7800	0 6290	0 5580	0 7100	197	41 9	17 5	37 5	27 10	12 70	5 850	24
25	1 070	0 7710	0 6250	0 5570	0 7630	193	40 1	17 3	38 0	26 50	12 30	5 710	25
26	1 060	0 7640	0 6210	0 5560	0 8500	185	38 6	17 3	38 6	25 90	12 00	5 580	26
27	1 040	0 7600	0 6190	0 5550	1 00 0	178	38 2	17 3	38 6	25 50	11 80	5 470	27
28	1 030	0 7520	0 6160	0 5540	1 23 0	168	35 6	17 3	38 3	25 00	11 20	5 340	28
29	1 020		0 6110	0 5530	1 56 0	156	34 0	17 3	38 1	24 60	11 00	5 220	29
30	1 010		0 6080	0 5520	2 06 0	140	33 5	17 3	38 28	24 00	10 60	5 110	30
31	1 000		0 6040		2 35 0		32 0	17 2		23 60		5 010	31
TOTAL	37 50	24 055	20 580	17 208	24 145	3 034 30	1 836 7	661 9	911 8	983 1	493 2	229 84	TOTAL
MEAN	1 21	0 859	0 664	0 574	0 778	101	82 5	21 4	30 4	31 1	16 4	7 38	MEAN
MAX	1 46	0 958	0 760	0 602	2 85	197	132	30 6	38 3	38 0	23 1	10 4	MAX
MIN	1 00	0 752	0 604	0 552	0 550	4 45	32 0	17 2	17 2	23 6	10 6	5 01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22 8
MAXIMUM DAILY, 197 ON JUN 24
MINIMUM DAILY, 0 5500 ON MAY 2
MAXIMUM INSTANTANEOUS,
199 AT 04 53 MST ON JUN 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 31 31 N
LONG 117 16 24 W
DRAINAGE AREA, 3 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 240	JUL	197 000
FEB	2 060	AUG	57 200
MAR	1 780	SEP	78 800
APR	1 490	OCT	83 200
MAY	2 080	NOV	42 500
JUN	262 000	DEC	19 800

TOTAL DISCHARGE, 721 000 dam³

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO 07QB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21 58	15 10	10 6 0	7 780	6 470	67 1E	82 0	48 7	75 1	80 0	83 2	45 0E	1
2	21 38	14 90	10 7 0	7 710	6 430	74 6E	80 3	46 1	78 7	91 1	81 3	45 3E	2
3	21 08	14 80	10 6 0	7 630	6 400	84 6E	78 7	47 5	80 6	90 6	82 1	44 8E	3
4	20 88	14 68	10 4 0	7 580	6 370	93 6E	70 0	47 4	82 1	90 0	84 0	44 3E	4
5	20 58	14 48	10 3 0	7 530	6 340	120 E	67 7	47 3	84 3	88 0	87 0	43 7E	5
6	20 28	14 28	10 2 0	7 430	6 310	148 E	65 3	47 0	86 6	85 6	70 0	43 2E	6
7	20 18	14 18	10 1 0	7 400	6 280	177 E	61 0	46 1	88 3	85 6	69 0	42 7E	7
8	19 88	13 88	10 0 0	7 380	6 250	198 E	58 0	45 1	89 6	86 2	68 2	42 1E	8
9	19 78	13 68	9 858	7 300	6 220	207 E	56 2	45 0	91 2	80 7	81 0	41 8E	9
10	19 48	13 78	9 720	7 250	6 180	211 A	53 6	47 0	93 1	80 6	86 6	41 1E	10
11	19 28	13 68	9 618	7 200	6 150	210	52 6	48 3	95 1	80 6	58 6	40 8E	11
12	19 08	13 38	9 528	7 180	6 130	210	52 6	48 6	97 3	80 5	55 6	40 0E	12
13	18 88	13 28	9 408	7 140	6 100	214	51 9	50 7	99 1	80 0	55 2	39 8E	13
14	18 58	13 08	9 308	7 048	6 075	205	51 6	54 1	100	85 6	55 2	38 9E	14
15	18 38	12 88	9 198	7 038	6 048	188	51 6	56 1	101	85 4	54 8E	38 4E	15
16	18 18	12 78	9 068	7 008	6 208	168	51 2	58 3	101	85 5	54 4E	37 8E	16
17	17 98	12 68	8 958	6 988	6 308	176	51 6	61 3	101	78 2	54 0E	37 3E	17
18	17 78	12 48	8 828	6 928	6 408	167	51 7	64 1	100	75 4	53 8E	36 8E	18
19	17 58	12 38	8 788	6 868	6 608	158	51 6	67 2	100	73 6	53 2A	36 3E	19
20	17 38	12 28	8 698	6 828	7 008	148	51 9	70 6	99 6	75 3	53 1	35 7E	20
21	17 18	12 08	8 608	6 808	7 608	141	52 2	73 1	98 8	77 5	52 4	35 2E	21
22	16 88	11 98	8 508	6 798	8 188	136	52 3	75 6	97 6	78 6	51 6	34 8E	22
23	16 68	11 78	8 458	6 778	10 6 0	127	51 6	77 6	96 1	80 4	50 6	34 1E	23
24	16 58	11 68	8 408	6 718	12 7 0	122	51 7	78 3	94 6	81 2	50 0A	33 6E	24
25	16 38	11 58	8 308	6 688	14 1 0	115	51 6	80 2	92 9	78 6	49 1E	33 0E	25
26	16 28	11 48	8 228	6 628	16 2 E	108	51 6	81 0	92 1	72 6	48 6E	32 5E	26
27	16 08	11 28	8 108	6 608	18 5 E	103	51 3	81 3	91 1	72 4	48 0E	32 0E	27
28	15 88	11 18	8 058	6 588	25 7 E	97 7	51 0	80 6	89 3	72 0	47 6E	31 4E	28
29	15 68		7 988	6 538	36 7 E	93 3	48 3	80 4	88 0	69 3	46 8E	30 9E	29
30	15 48		7 908	6 508	48 5 E	87 9	46 8	79 6	86 0	67 5	46 4E	30 4E	30
31	15 28		7 838		60 4 E		46 7	79 6		66 3		29 8E	31
TOTAL	564 6	384 0	284 34	211 70	388 72	4 403 0	1 783 2	1 827 7	2 781 1	2 556 1	1 683 2	1 173 6	TOTAL
MEAN	18 2	13 0	9 17	7 05	12 5	147	58 8	83 2	92 7	82 5	56 1	37 8	MEAN
MAX	21 5	15 1	10 6	7 78	60 4	218	82 0	81 3	101	91 1	70 0	45 0	MAX
MIN	15 2	11 1	7 83	6 50	6 04	87 1	46 7	47 2	78 1	66 3	46 4	29 8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49 8
MAXIMUM DAILY, 218 ON JUN 12
MINIMUM DAILY, 6 048 ON MAY 15
MAXIMUM INSTANTANEOUS,
218 AT 03:18 MST ON JUN 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 30 N
LONG 109 51 10 W
DRAINAGE AREA, 6 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 500	JUL	151 000
FEB	31 400	AUG	157 000
MAR	24 600	SEP	240 000
APR	18 300	OCT	221 000
MAY	33 600	NOV	145 000
JUN	359 000	DEC	101 000

TOTAL DISCHARGE, 1 580 000 dam³

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	92 00	80 00	76 00	57 00	81 00	2 220	1 040	956	572	366	116 B	85 00	1
2	90 00	80 00	56 00	57 00	86 00	2 260	982	1 550	548	353	116 B	84 00	2
3	87 00	80 00	56 00	57 00	96 00	2 050	923	1 580	520	345	112 B	83 00	3
4	86 00	80 00	56 00	57 00	110 B	1 670	905	1 580	517	334	105 B	82 00	4
5	84 00	80 00	56 00	57 00	145 B	1 320	855	1 270	524	370	100 B	81 00	5
6	82 00	80 00	56 00	57 00	180 B	1 120	831	1 090	540	370	96 00	80 00	6
7	80 00	80 00	56 00	57 00	230 B	1 080	796	944	558	358	86 00	79 00	7
8	78 00	80 00	56 00	57 00	280 B	1 080	899	843	571	348	80 00	76 00	8
9	76 00	80 00	56 00	57 00	350 B	1 080	841	776	548	345	73 00	77 00	9
10	75 00	80 00	56 00	57 00	400 B	1 010	814	729	515	334	88 00	76 00	10
11	74 00	80 00	56 00	57 00	441 B	976	811	691	491	311	88 00	75 00	11
12	73 00	80 00	56 00	57 00	453	1 040	885	666	467	198	86 00	74 00	12
13	72 00	80 00	56 00	57 00	425	1 220	823	765	448	212	87 00	73 00	13
14	70 00	80 00	56 00	57 00	358	1 260	863	885	433	336	88 00	73 00	14
15	70 00	80 00	56 00	57 00	340	1 230	708	895	418	231	88 00	72 00	15
16	89 00	80 00	56 00	57 00	401	1 280	703	842	413	217	70 00	71 00	16
17	86 00	80 00	56 00	56 00	453	1 340	882	848	403	193	72 00	70 00	17
18	87 00	80 00	56 00	56 00	481	1 370	873	845	394	170	75 00	89 00	18
19	86 00	80 00	56 00	56 00	527	1 310	860	818	380	1608	79 00	88 00	19
20	85 00	80 00	56 00	59 00	564	1 370	842	810	365	1508	82 00	86 00	20
21	84 00	80 00	56 00	59 00	600	1 310	839	801	352	1458	85 00	87 00	21
22	84 00	80 00	56 00	60 00	553	1 280	857	781	341	1408	87 00	86 00	22
23	83 00	80 00	56 00	60 00	482	1 290	828	717	338	1368	90 00	85 00	23
24	83 00	80 00	56 00	61 00	440	1 340	978	702	334	1358	91 00	85 00	24
25	82 00	80 00	56 00	63 00	469	1 300	980	707	338	1329	91 00	84 00	25
26	82 00	80 00	61 00	64 00	575	1 270	855	708	341	1308	91 00	83 00	26
27	81 00	80 00	67 00	66 00	652	1 270	786	714	335	1288	89 00	82 00	27
28	81 00	80 00	67 00	66 00	684	1 250	743	687	318	1268	87 00	81 00	28
29	81 00		67 00	72 00	857	1 250	819	664	288	1248	86 00	81 00	29
30	80 00		67 00	77 00	1 500	1 180	823	639	282	1228	85 00	80 00	30
31	80 00		67 00		1 900		848	600		1208		80 00	31
TOTAL	2 205 0	1 842 0	1 792 0	1 795 0	15 233 0	40 356	23 804	27 003	12 879	8 071	2 549 0	2 212.0	TOTAL
MEAN	71 1	58 8	57 8	58 8	491	1 350	768	871	429	195	85 0	71 4	MEAN
MAX	92 0	80 0	56 0	77 0	1 900	2 260	1 040	1 580	572	366	116	85 0	MAX
MIN	80 0	58 0	57 0	57 0	81 0	976	783	600	282	120	85 0	80.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 377
MAXIMUM DAILY, 2 280 ON JUN 2
MINIMUM DAILY, 57 00 ON MAR 26
MAXIMUM INSTANTANEOUS,
2 330 AT 15 41 MST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 10 N
LONG 124 02 10 W
DRAINAGE AREA, 33 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	191 000	JUL	2 050 000
FEB	142 000	AUG	2 330 000
MAR	155 000	SEP	1 110 000
APR	155 000	OCT	525 000
MAY	1 320 000	NOV	330 000
JUN	3 490 000	DEC	191 000

TOTAL DISCHARGE, 11 900 000 dam³

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.58	30 00	28 00	27 88	33.58	1 700E	783	414	337	150	70.00	38 00	1
2	45 00	30 00	27 98	27 88	35.00	1 900E	732	613	320	155	64.00	37.58	2
3	44 00	29 58	27 98	27 88	36.58	1 500E	681	655	310	160	60.00	37.03	3
4	43 98	29 00	27 98	27.88	38.00	1 250E	639	777	308	160	56.00	36.00	4
5	43 00	29 00	27 98	27 88	40.00	1 050E	595	859	312	157	48.00	35.00	5
6	42.58	29 00	27.98	27.88	42.00	900E	570	959	321	150	44.00	34.00	6
7	42.00	29 00	27.98	27.88	46.00	820E	502	681	342	143	39.00	33.58	7
8	41.58	28 58	27 98	27.88	52.00	765A	434	436	340	139	37.00	32.58	8
9	40.58	28 58	27 98	27.88	60.00	690	391	409	315	136	35.00	32.00	9
10	40.00	28.58	27.98	27.88	68.00	624	375	387	288	129	34.00	31.00	10
11	39.58	28 58	27.98	27.88	78.00	633	364	375	278	114 B	34.00	30.00	11
12	39.00	28 58	27 98	27.88	88.00	775	380	378	264	111 B	35.00	29.58	12
13	38.58	28 58	27 98	27.78	100 B	858	382	386	261	125 B	36.00	29.00	13
14	38.00	28.00	27 98	27.78	110 B	886	443	436	242	132 B	37.00	28.00	14
15	37.58	28.00	27.98	27.78	128	909	482	442	237	120 B	38.00	27.58	15
16	37.00	28.00	27.98	27.98	137	1 040	450	435	234	112 B	40.00	27.00	16
17	36.58	28.00	27.88	27.98	158	1 110	442	448	228	104 B	41.00	26.00	17
18	36.00	28.00	27.88	27.98	167	1 080	435	488	219	99.00	42.00	25.58	18
19	35.58	28.00	27.88	27.98	195	1 050	406	450	209	95.00	43.00	25.00	19
20	35.00	28.00	27.88	28.00	208	1 140	383	482	201	93.00	44.00	24.58	20
21	34.58	28.00	27.88	28.00	216 A	1 080	382	440	193	90.00	44.00	24.00	21
22	34.00	28.00	27.88	28.38	233 E	1 070	391	418	187	88.00	44.00	23.58	22
23	33.58	28.00	27.88	28.58	324 A	1 180	488	403	187	87.00	44.00	23.00	23
24	33.00	28.00	27.88	28.88	201	1 180	524	432	192	86.00	43.00	23.09	24
25	32.58	28.00	27.88	29.00	190	1 110	521	438	195	84.00	42.58	22.58	25
26	32.58	28.00	27.88	29.58	203	1 200	458	480	195	83.00	42.00	22.00	26
27	32.00	28.00	27.88	30.58	270 E	1 180	417	458	191	82.00	41.00	21.58	27
28	31.58	28.00	27.88	31.00	400 E	1 060	410	428	180	80.00	40.58	21.00	28
29	31.00		27.88	32.00	500 E	988	448	418	158	78.00	40.00	20.58	29
30	30.58		27.88	33.00	650 E	858	458	383	148	78.00	39.00	20.58	30
31	30.58		27.88		1 900 E		430	357		76.00		20.00	31
TOTAL	1 105.6	798.8	863.4	884.9	8 724.0	31 884	14 737	14 471	7 380	3 497.6	1 285.6	880.0	TOTAL
MEAN	37.3	28.4	27.9	28.5	217	1 060	475	467	246	113	43.2	27.7	MEAN
MAX	45.5	30.0	28.0	33.0	1 900	1 900	783	859	342	160	70.0	38.0	MAX
MIN	30.5	28.0	27.8	27.7	33.5	624	380	357	148	76.0	34.0	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 331
MAXIMUM DAILY, 1 900E ON JUN 2
MINIMUM DAILY, 20.00 ON DEC 31
MAXIMUM INSTANTANEOUS,
1 950 ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 35 00 N
LONG 125 48 00 W
DRAINAGE AREA, 14 300 km²
A - MANUAL GAUGE
E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	98 600	JUL	1 270 000
FEB	68 800	AUG	1 250 000
MAR	74 600	SEP	638 000
APR	73 800	OCT	302 000
MAY	502 000	NOV	112 000
JUN	2 730 000	DEC	74 300

TOTAL DISCHARGE, 7 380 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE COMPUTED FROM HIGH WATER MARK

NORTHWEST TERRITORIES

SYLVIA GRINNELL RIVER NEAR FROBISHER BAY - STATION NO 10YE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	....	....	....	....	....	0 1000	223 E	70 7	50 9	18 8	....	....	1
2	....	....	....	....	....	0 2000	206 A	65 8	48 0	17 8	....	....	2
3	....	....	....	....	....	0 3000	230 E	64 1	45 0	16 8	....	....	3
4	....	....	....	....	....	0 4500	242 A	61 7	43 2	16 0	....	....	4
5	....	....	....	....	....	0 6500	244	58 2	40 9	15 2	....	....	5
6	....	....	....	....	....	0 9000	237	55 5	39 2	15 3	....	....	6
7	....	....	....	....	....	1 10 0	209	55 5	37 5	14 4 B	....	....	7
8	....	....	....	....	....	1 40 0	223	54 1	36 7	13 5 B	....	....	8
9	....	....	....	....	....	1 75 0	237	50 3	33 7	12 6 B	....	....	9
10	....	....	....	....	....	2 15 0	278	55 3	32 3	12 2 B	....	....	10
11	....	....	....	....	....	2 80 B	281	51 7	31 1	11 3 B	....	....	11
12	....	....	....	....	....	7 00 B	600	55 0	29 8	10 4 B	....	....	12
13	....	....	....	....	....	16 0 B	310	61 9	28 6	10 3 B	....	....	13
14	....	....	....	....	....	35 0 B	280	75 9	27 9A	9 858	....	....	14
15	....	....	....	....	....	84 0 B	234	163	25 9E	9 408	....	....	15
16	....	....	....	....	....	75 0 B	222	145	24 0E	8 908	....	....	16
17	....	....	....	....	....	55 0 B	210	115	23 0E	8 508	....	....	17
18	....	....	....	....	....	105 B	188	98 1	22 0E	8 108	....	....	18
19	....	....	....	....	....	220 B	168	85 8	21 0E	7 758	....	....	19
20	....	....	....	....	....	255 B	165	78 3	20 0E	7 508	....	....	20
21	....	....	....	....	....	288 B	137	74 7	19 2E	7 058	....	....	21
22	....	....	....	....	....	300 B	118	78 0	20 9A	6 808	....	....	22
23	....	....	....	....	....	305 B	109	81 0	21 2	6 508	....	....	23
24	....	....	....	....	....	309 B	98 6	79 6	21 4	6 258	....	....	24
25	....	....	....	....	....	310 B	91 1	78 1	21 0	6 008	....	....	25
26	....	....	....	....	....	300 B	86 0	76 5	20 9	5 758	....	....	26
27	....	....	....	....	....	285 B	88 9	76 3	20 6	5 458	....	....	27
28	....	....	....	....	....	275 B	85 4	83 9	20 2	5 208	....	....	28
29	....		....	....	....	258 E	83 1	80 8	19 0	5 008	....	....	29
30	....		....	....	....	235 E	79 1	87 4	19 2	4 858	....	....	30
31	....		....		....		76 6	83 8		4 708		....	31
TOTAL	....	....	....	....	....	3 779 600	5 636 0	2 310 6	883 6	309 76	....	....	TOTAL
MEAN	....	....	....	....	....	126	188	74 5	28 8	9 99	....	....	MEAN
MAX	....	....	....	....	....	310	600	145	50 9	18 8	....	....	MAX
MIN	....	....	....	....	....	0 100	78 6	61 7	19 0	4 70	....	....	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 600 ON JUL 12
MINIMUM DAILY, 0 1000 ON JUN 1
MAXIMUM INSTANTANEOUS,
437 AT 12 30 EST ON JUL 11

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 37 N
LONG 68 35 38 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	....	JUL	504 000
FEB	....	AUG	200 000
MAR	....	SEP	74 600
APR	....	OCT	26 800
MAY	....	NOV	....
JUN	327 000	DEC	....

TOTAL DISCHARGE, 1 110 000 dam³

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO 07OD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32 08	21 18	18 38	18 48	19 38	85 7	80 0E	63 6	78 8	60 6	57 3	46 6	1
2	31 78	20 88	18 38	18 48	19 48	91 8	76 0E	63 1	78 3	59 4	56 7	46 0	2
3	31 38	20 78	18 38	18 48	19 48	97 3	77 3E	63 0	78 5	58 3	57 3	44 8	3
4	31 08	20 58	18 38	18 88	19 48	98 3	74 4E	63 4	77 6	58 5	57 7	43 9	4
5	30 58	20 38	18 38	18 98	19 48	101	75 8E	64 0	76 6	59 0	57 5	43 4	5
6	30 08	20 28	18 48	18 98	19 48	104	74 8E	64 6	75 8	58 6	57 0	43 2	6
7	29 78	20 18	18 48	18 98	19 58	107	74 1E	65 4	75 8	58 7	56 8	42 8	7
8	29 38	20 08	18 48	18 98	19 58	112	73 4E	64 7	75 2	59 0	57 2	42 4	8
9	29 08	19 98	18 48	18 98	19 58	117	72 7E	64 4	75 0	59 4	57 2	42 1	9
10	28 68	19 88	18 48	19 08	19 58	120	71 7E	64 5	73 9	59 3	53 3	41 8	10
11	28 38	19 78	18 48	19 08	19 88	123	71 0E	64 3	73 6	58 7	56 1	41 1	11
12	28 08	19 68	18 58	19 08	20 08	124	70 2E	64 6	71 4	58 6	54 3	40 7	12
13	27 78	19 58	18 58	19 08	20 48	125	69 7E	64 3	70 1	58 8	54 2	40 2E	13
14	27 38	19 48	18 58	19 08	20 88	128	69 0A	67 4	69 7	59 8	53 8E	39 7B	14
15	27 08	19 38	18 58	19 18	20 98	135	68 4	67 1	68 6	59 7	53 5E	39 3B	15
16	26 88	19 28	18 58	19 18	21 28	134	67 5	67 1	69 1	58 8	53 1E	38 8B	16
17	26 18	19 18	18 68	19 18	21 48	132 E	67 0	67 6	68 7	57 8	52 8E	38 4B	17
18	25 88	19 08	18 68	19 18	21 68	130 E	67 2	67 6	67 7	57 2	52 4E	37 9B	18
19	25 18	18 98	18 68	19 18	22 28	117 E	67 7	68 2	66 3	56 9	52 0E	37 5B	19
20	24 88	18 88	18 68	19 18	22 78	114 E	67 9	68 2	65 3	56 4	51 7E	37 1B	20
21	24 38	18 78	18 68	19 28	23 68	108 E	67 9	68 5	64 6	56 2	51 3E	36 7B	21
22	24 18	18 68	18 68	19 28	24 68	106 E	67 7	68 6	64 4	56 7	51 0E	36 2B	22
23	23 88	18 68	18 78	19 28	25 28	103 E	67 5	70 4	63 8	57 4	50 6A	35 8B	23
24	23 68	18 48	18 78	19 28	25 68	98 9E	67 9	72 7	63 5	58 5	48 9	35 4B	24
25	23 38	18 38	18 78	19 28	26 98	95 0E	67 7	74 6	62 9	58 2	47 9	34 8B	25
26	22 68	18 28	18 78	19 38	33 1	91 7E	67 5	75 4	62 6	58 2	47 3	34 5B	26
27	22 58	18 28	18 78	19 38	63 7	88 5E	66 5	77 6	61 3	58 6	46 9	34 0B	27
28	22 18	18 28	18 78	19 38	65 1	85 0E	65 2	77 8	60 7	58 5	46 9	33 6B	28
29	21 88		18 88	19 38	64 1	83 4E	62 6	77 4	61 3	57 9	47 5	33 2B	29
30	21 58		18 88	19 38	71 6	81 0E	63 1	78 3	61 3	58 2	47 1	32 7B	30
31	21 38		18 88		78 9		63 6	79 2		57 7		32 3B	31
TOTAL	820 6	563 1	574 6	571 9	877 6	3 186 7	2 168 7	2 127 8	2 081 8	1 819 6	1 574 1	1 207 0	TOTAL
MEAN	26 5	19 4	18 5	19 1	28 3	107	69 9	68 6	69 4	58 7	52 5	38 9	MEAN
MAX	32 0	21 1	18 8	19 3	78 9	135	80 0	79 2	78 3	60 6	57 7	46 6	MAX
MIN	21 3	18 2	18 2	18 8	19 3	81 0	62 6	62 0	60 7	57 2	46 6	32 3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48 1
MAXIMUM DAILY, 135 ON JUN 14
MINIMUM DAILY, 18 28 ON FEB 26
MAXIMUM INSTANTANEOUS,
135 AT 19:05 MST ON JUN 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 30 N
LONG 107 40 30 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	70 900	JUL	187 000
FEB	45 500	AUG	184 000
MAR	49 500	SEP	180 000
APR	49 400	OCT	157 000
MAY	75 800	NOV	138 000
JUN	276 000	DEC	104 000

TOTAL DISCHARGE, 1 520 000 dam³

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07OAA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	206E	188E	144E	123	135	182	172	219	236	257	268	255	1
2	205E	187E	143E	122	136	182	171	221	236	256	269	252	2
3	204E	186E	142E	121	140	182	167	222	236	256	270	251	3
4	202E	185E	142E	120	142	182	168	224	235	259	271	249	4
5	201E	184E	141E	120	143	182	170	235	235	259	270	248	5
6	199E	183E	141E	120	145	181	172	225	235	258	270	249	6
7	198E	181E	140E	119	146	181	172	224	237	258	271	248	7
8	197E	180E	140E	119	148	181	174	224	239	257	269	247	8
9	196E	179E	139E	119	147	181	176	226	240	256	268	246	9
10	194E	178E	139E	118	148	182	176	227	242	256	268	245	10
11	193E	187E	138E	118	150	182	176	227	242	257	268	243	11
12	191E	156E	137	118	151	182	178	228	243	259	268	242	12
13	190E	155E	136	118	153	182	180	228	245	259	268	241	13
14	189E	154E	135	117	154	181	182	226	247	259	268	240	14
15	188E	153E	135	117	155	159	181	225	248	261	267	239	15
16	187E	152E	134	116	156	160	183	226	249	261	267	239	16
17	185E	152E	133	116	157	162	185	229	248	261	267	238	17
18	184E	151E	133	115	158	164	188	248	247	264	266	236	18
19	183E	151E	132	114	158	164	193	236	246	265	265	236	19
20	182E	150E	132	114	159	163	198	228	247	265	264	234	20
21	181E	149E	131	114	160	163	201	228	249	265	264	234	21
22	180E	149E	130	114	160	165	204	228	252	265	264	233	22
23	179E	148E	130	115	160	166	206	229	254	265	262	232	23
24	178E	148E	129	117	161	166	208	230	253	266	256	230	24
25	176E	147E	128	118	161	165	209	231	253	267	257	229	25
26	175E	147E	127	119	162	166	213	231	253	268	259	226	26
27	174E	146E	126	123	162	166	216	232	256	268	257	227	27
28	172E	145E	125	126	163	168	218	231	257	268	256	226	28
29	171E		125	129	163	170	219	231	257	268	256	226	29
30	170E		124	132	163	171	219	234	257	268	256	224	30
31	169E		124		162		220	235		267		223	31
TOTAL	5 759	4 340	4 155	3 571	4 758	4 802	5 895	7 050	7 374	8 122	7 945	7 383	TOTAL
MEAN	187	155	134	119	153	163	190	227	246	262	256	238	MEAN
MAX	206	188	144	132	163	171	220	235	257	268	271	255	MAX
MIN	169	145	124	114	135	159	167	219	235	256	256	223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 195
MAXIMUM DAILY, 271 ON NOV 4
MINIMUM DAILY, 114 ON APR 19
MAXIMUM INSTANTANEOUS,
272 AT 23:40 MST ON NOV 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 50 N
LONG 111 55 35 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	501 000	JUL	609 000
FEB	375 000	AUG	609 000
MAR	359 000	SEP	637 000
APR	309 000	OCT	702 000
MAY	411 000	NOV	688 000
JUN	424 000	DEC	635 000

TOTAL DISCHARGE, 6 180 000 dam³

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 08JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.3B	14.6B	11.1B	10.8B	10.3B	---	---	416	582	821	136 B	63.0B	1
2	29.5B	14.3B	11.1B	10.8B	10.3B	---	---	407	587	766	132 B	62.0B	2
3	28.7B	14.0B	11.1B	10.7B	10.3B	---	---	400	600	711	129 B	61.0B	3
4	28.0B	13.7B	11.1B	10.7B	10.3B	---	---	395	614	672	126 B	60.0B	4
5	27.3B	13.5B	11.1B	10.7B	10.3B	---	---	384	618	643	123 B	59.0B	5
6	26.6B	13.2B	11.1B	10.7B	10.3B	---	---	385	612	627	119 B	58.0B	6
7	25.9B	13.0B	11.1B	10.7B	10.3B	---	---	381	603	586	115 B	57.0B	7
8	25.2B	12.8B	11.1B	10.7B	10.3B	---	---	378	605	565	111 B	56.0B	8
9	24.5B	12.6B	11.0B	10.6B	10.3B	---	---	382	594	544	108 B	55.0B	9
10	23.9B	12.4B	11.0B	10.6B	10.3B	---	---	392	581	528	105 B	54.0B	10
11	23.3B	12.2B	11.0B	10.6B	10.2B	---	---	389	566	482	102 B	53.0B	11
12	22.7B	12.0B	11.0B	10.6B	10.2B	---	---	384	560	3808	99.0B	52.0B	12
13	22.2B	11.9B	11.0B	10.6B	10.2B	---	---	398	549	3608	96.0B	51.0B	13
14	21.7B	11.8B	11.0B	10.6B	10.2B	---	---	456	536	3308	93.0B	50.0B	14
15	21.2B	11.7B	11.0B	10.5B	10.2B	---	---	704	529	3058	91.0B	49.0B	15
16	20.7B	11.6B	11.0B	10.5B	10.2B	---	548A	951	519	2858	89.0B	48.0B	16
17	20.2B	11.6B	11.0B	10.5B	10.2B	---	585	1 020	517	2708	87.0B	47.0B	17
18	19.7B	11.5B	11.0B	10.5B	10.1B	---	598	1 020	531	2858	85.0B	47.0B	18
19	19.3B	11.4B	10.9B	10.5B	10.1B	---	604	980	586	2408	83.0B	46.0B	19
20	18.9B	11.3B	10.9B	10.4B	10.1B	---	608	915	623	2258	82.0B	45.0B	20
21	18.4B	11.3B	10.9B	10.4B	10.1B	---	599	846	617	2158	80.0B	45.0B	21
22	18.0B	11.2B	10.9B	10.4B	10.1B	---	580	787	603	2058	78.0B	44.0B	22
23	17.6B	11.2B	10.9B	10.4B	10.1B	---	560	734	591	1958	76.0B	44.0B	23
24	17.2B	11.2B	10.9B	10.4B	10.0B	---	540	695	590	1858	74.0B	43.0B	24
25	16.8B	11.2B	10.9B	10.4B	10.0B	---	520	656	592	1758	73.0B	43.0B	25
26	16.4B	11.2B	10.9B	10.4B	10.2B	---	502	626	595	1678	71.0B	42.0B	26
27	16.0B	11.2B	10.8B	10.4B	10.4B	---	482	602	590	1608	69.0B	42.0B	27
28	15.7B	11.2B	10.8B	10.4B	10.6B	---	464	585	640	1558	68.0B	41.0B	28
29	15.4B		10.8B	10.4B	10.8B	---	446	585	758	1508	66.0B	41.0B	29
30	15.1B		10.8B	10.4B	11.3B	---	431	583	850	1458	65.0B	40.0B	30
31	14.8B		10.8B		12.0B		422	583		1408		40.0B	31
TOTAL	651.2	340.8	340.0	315.3	320.3	---	---	18 438	17 938	11 460	2 831.0	1 539.0	TOTAL
MEAN	21.3	12.2	11.0	10.5	10.3	---	---	595	598	370	94.4	49.6	MEAN
MAX	30.3	14.6	11.1	10.8	12.0	---	---	1 020	850	821	136	63.0	MAX
MIN	14.8	11.2	10.8	10.4	10.0	---	---	378	517	140	65.0	40.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 10.0B ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 32 10 N
LONG 101 23 50 W
DRAINAGE AREA, 65 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	57 100	JUL	---
FEB	29 400	AUG	1 890 000
MAR	28 400	SEP	1 850 000
APR	27 300	OCT	992 000
MAY	27 700	NOV	245 000
JUN	---	DEC	133 000

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO. 06MA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28
29	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29
30	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30
31	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]		[illegible]		[illegible]	31
TOTAL	10 687	7 873	8 747	9 113	10 517	47 043	78 300	40 630	37 430	38 310	21 118	14 105	TOTAL
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN
MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MAX
MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 862
MAXIMUM DAILY, 3 650 ON JUN 29
MINIMUM DAILY, 280E ON MAR 5
MAXIMUM INSTANTANEOUS,
3 660 AT 06:00 CST ON JUN 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 46 18 N
LONG 97 03 51 W
DRAINAGE AREA, 152 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	923 000	JUL	6 770 000
FEB	680 000	AUG	3 510 000
MAR	756 000	SEP	3 230 000
APR	787 000	OCT	3 160 000
MAY	909 000	NOV	1 820 000
JUN	4 060 000	DEC	1 220 000

TOTAL DISCHARGE, 27 800 000 dam³

REMARKS - STATION PREVIOUSLY LOCATED AT 06MA003

THLEWIAZA RIVER BELOW SEALHOLE LAKE - STATION NO. 06MB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	149B	128B	114B	100 B	87.8B	118	356	476	440	376E	306E	266B	1
2	149B	126B	114B	100 B	87.8B	120	361	468	434	374E	306E	265B	2
3	147B	124B	113B	99.6B	87.6B	123	364	463	421	371E	304E	264B	3
4	147B	123B	113B	99.4B	87.2B	126	369	458	416	369E	302E	263B	4
5	146B	123B	112B	99.0B	87.0B	128	374	473	420	366E	300E	262B	5
6	146B	122B	112B	98.4B	86.9B	133	380	473	418	364E	298E	261B	6
7	145B	122B	111B	97.8B	86.8B	137	383	471	418	362E	296E	260B	7
8	146B	121B	111B	97.2B	86.7B	140	386	470	415	359E	295E	259B	8
9	145B	122B	110B	96.6B	86.5B	144	391	470	420	357E	293E	258B	9
10	145B	121B	110B	96.0B	86.4B	151	397	471	419	355E	291E	257B	10
11	144B	120B	110B	95.6B	86.2B	157	400	470	418	353E	289E	256B	11
12	142B	121B	109B	95.2B	85.1B	165	402	466	417	350E	287E	255B	12
13	142B	121B	109B	94.8B	84.1B	177	405	469	416	348E	285E	254B	13
14	142B	121B	108B	94.4B	83.2B	195	406	474	415	346E	283B	253B	14
15	142B	122B	108B	94.0B	83.7B	210	410	471	408	344E	282B	252B	15
16	140B	120B	107B	93.6B	83.7B	225	416	466	414	341E	281B	251B	16
17	140B	119B	107B	93.2B	82.8B	240	423	462	411A	339E	280B	250B	17
18	141B	119B	106B	92.8B	82.8B	251	431	459	409E	337E	279B	249B	18
19	142B	119B	106B	92.4B	82.9B	262	440	446	406E	336E	278B	248B	19
20	142B	119B	105B	92.0B	82.6B	270	449	444	404E	333E	277B	247B	20
21	141B	119B	105B	91.6B	81.0B	282	452	441	401E	331E	276B	246B	21
22	139B	118B	104B	91.2B	80.1B	292	457	440	398E	328E	275B	245B	22
23	137B	118B	104B	90.8B	80.0B	302	459	443	396E	326E	274B	244B	23
24	137B	117B	103B	90.4B	79.8B	311	460	444	393E	324E	273B	243B	24
25	136B	116B	103B	90.0B	80.0B	317	463	445	391E	322E	272B	242B	25
26	135B	115B	102B	89.6B	82.0B	323	465	450	388E	320E	271B	241B	26
27	134B	115B	102B	89.2B	86.0B	333	463	447	386E	318E	270B	240B	27
28	132B	115B	102B	88.8B	91.0B	340	460	447	383E	316E	269B	239B	28
29	131B		101B	88.4B	95.0B	345	461	445	381E	314E	268B	238B	29
30	131B		101B	88.0B	102 B	349	468	440	378E	312E	267B	237B	30
31	131B		101B		112 B		473	440		310E		236B	31
TOTAL	4 368	3 367	3 324	2 820.2	2 679.0	6 665	13 026	14 213	12 241	10 602	8 529	7 781	TOTAL
MEAN	141	120	107	94.0	86.4	222	420	458	408	342	284	251	MEAN
MAX	149	128	114	100	112	349	473	476	440	376	306	266	MAX
MIN	131	115	101	88.0	79.8	118	356	440	378	310	267	236	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 246
MAXIMUM DAILY, 476 ON AUG 1
MINIMUM DAILY, 79.8B ON MAY 24
MAXIMUM INSTANTANEOUS,
479 AT 05:54 CST ON AUG 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 46 00 N
LONG 98 47 00 W
DRAINAGE AREA, 26 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	377 000	JUL	1 130 000
FEB	291 000	AUG	1 230 000
MAR	287 000	SEP	1 060 000
APR	244 000	OCT	916 000
MAY	231 000	NOV	737 000
JUN	576 000	DEC	672 000

TOTAL DISCHARGE, 7 760 000 dam³

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28.6	20.7	16.9	13.3	24.1	48.6	71.6	70.1	70.3	62.5	54.6	47.2
2	28.1	20.5	16.6	13.2	24.6	52.0	70.1	69.6	69.6	61.5	53.9	41.6
3	27.8	20.3	16.6	13.3	25.5	54.6	67.9	69.2	68.6	60.9	53.9	41.3
4	27.6	20.0	16.6	13.4	25.5	56.1	65.6	68.6	68.2	60.6	53.6	40.6
5	27.0	19.8	16.3	13.4	26.1	59.5	64.2	68.6	68.7	60.5	53.7	40.0
6	26.7	19.6	16.2	13.3	26.6	63.5	63.1	67.8	68.7	60.6	53.6	39.6
7	26.3	19.4	16.1	13.5	26.6	65.7	61.7	66.6	68.3	60.1	53.4	39.3
8	26.1	19.2	16.0	13.4	27.6	66.0	59.9	65.9	67.7	59.6	52.6	38.7
9	25.8	19.0	15.9	13.5	27.9	68.3	58.7	65.6	67.3	59.5	52.0	38.5
10	25.5	18.7	15.9	13.5	28.3	70.0	57.6	66.1	67.2	59.3	51.6	37.9
11	25.2	18.5	15.7	13.6	28.7	70.8	57.1	66.6	67.1	58.9	51.2	37.3
12	24.9	18.3	15.6	13.5	29.1	71.6	56.1	66.7	66.7	58.6	50.6	36.7
13	24.6	18.0	15.4	13.5	29.5	72.1	55.6	66.7	66.6	58.6	50.2	36.1
14	24.6	17.8	15.3	13.3	30.1	72.7	55.3	65.4	66.6	58.3	49.3	35.9
15	24.2	17.5	15.2	13.2	30.6	73.1	53.6	66.0	66.1	58.3	48.9	34.6
16	24.0	17.3	15.1	13.1	31.6	73.6	53.6	66.1	66.6	58.1	48.6	34.1
17	23.8	17.1	14.9	13.1	32.0	74.5	54.0	66.6	66.1	57.6	48.5	33.6
18	23.4	17.1	14.8	13.1	32.5	75.3	53.6	66.9	65.5	57.3	48.0	32.9
19	23.1	17.0	14.6	13.3	33.2	75.3	53.5	65.3	64.9	57.3	47.9	32.6
20	23.0	17.0	14.5	13.4	33.6	75.2	53.5	66.0	64.5	57.6	47.4	31.6
21	22.8	17.0	14.4	13.7	34.6	76.6	54.0	68.2	64.0	57.6	47.3	31.2
22	22.8	17.1	14.2	14.4	35.4	77.2	54.6	69.5	63.6	57.1	45.9	30.6
23	22.7	17.0	14.1	15.6	36.3	77.4	56.1	70.6	63.7	56.6	45.9	30.0
24	22.4	16.9	13.9	16.6	37.1	77.6	58.2	71.1	63.6	56.6	45.9	29.4
25	22.2	17.0	13.7	17.8	36.0	76.6	60.1	71.6	66.1	56.6	45.4	28.6
26	22.1	17.0	13.6	18.[illegible]	36.6	75.6	62.3	71.6	63.9	55.3	44.9	28.3
27	21.9	16.9	13.5	19.[illegible]	40.1	75.3	64.1	72.2	63.4	55.0	44.4	27.8
28	21.6	16.9	13.4	21.[illegible]	41.6	74.6	66.1	72.2	63.3	55.6	43.9	27.3
29	21.4		13.3	22.[illegible]	42.2	73.9	67.6	72.1	63.6	55.3	43.4	27.0
30	21.2		13.2	23.2	45.1	73.1	68.7	71.6	62.6	55.2	42.6	26.6
31	21.0		13.2		47.1		69.5	70.9		54.9		26.4
TOTAL	751.7	508.6	464.5	450.6	1 011.6	2 103.4	1 866.4	2 108.9	1 975.7	1 803.6	1 475.5	1 056.3
MEAN	24.2	18.2	15.0	15.0	32.6	70.1	60.2	67.9	66.0	58.2	49.2	34.1
MAX	28.6	20.7	16.9	23.2	47.1	77.6	71.6	72.3	70.3	62.5	54.6	47.2
MIN	21.0	16.9	13.2	13.1	24.1	48.6	53.4	64.0	62.6	54.9	42.6	26.4

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.7
MAXIMUM DAILY, 77.6 ON JUN 24
MINIMUM DAILY, 13.1 ON APR 16
MAXIMUM INSTANTANEOUS,
78.0 AT 21:03 MST ON JUN 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 30 00 N
LONG 109 39 00 W
DRAINAGE AREA, 8 830 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	64 900	JUL	161 000
FEB	43 900	AUG	182 000
MAR	40 200	SEP	171 000
APR	38 900	OCT	156 000
MAY	87 400	NOV	127 000
JUN	182 000	DEC	91 400

TOTAL DISCHARGE, 1 350 000 dam³

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0B	0B	0B	0B	0 B	0.350B	0.037	0	0.048	0.040B	0B	0B
2	0B	0B	0B	0B	0 B	5.80 B	0.031	0	0.058	0.036B	0B	0B
3	0B	0B	0B	0B	0 B	8.00 B	0.027	0.003	0.077	0.033B	0B	0B
4	0B	0B	0B	0B	0 B	7.30 B	0.022	0.007	0.088	0.030B	0B	0B
5	0B	0B	0B	0B	0 B	6.00 B	0.018	0.005	0.088	0.028B	0B	0B
6	0B	0B	0B	0B	0 B	3.58	0.016	0.005	0.078	0.025B	0B	0B
7	0B	0B	0B	0B	0 B	3.07 A	0.014	0.005	0.068	0.023B	0B	0B
8	0B	0B	0B	0B	0 B	2.50 E	0.012	0.008	0.062	0.022B	0B	0B
9	0B	0B	0B	0B	0 B	2.00 E	0.008	0.005	0.063	0.020B	0B	0B
10	0B	0B	0B	0B	0 B	1.80 E	0.007	0.003	0.061	0.019B	0B	0B
11	0B	0B	0B	0B	0 B	1.26 E	0.005	0.003	0.062	0.017B	0B	0B
12	0B	0B	0B	0B	0 B	1.04 E	0.003	0.004	0.063	0.015B	0B	0B
13	0B	0B	0B	0B	0 B	0.840E	0.003	0.005	0.062	0.013B	0B	0B
14	0B	0B	0B	0B	0 B	0.690E	0.003	0.005	0.060	0.012B	0B	0B
15	0B	0B	0B	0B	0 B	0.565E	0.002	0.005	0.058	0.010B	0B	0B
16	0B	0B	0B	0B	0 B	0.465E	0.003	0.005	0.057	0.008B	0B	0B
17	0B	0B	0B	0B	0 B	0.380E	0.004	0.005	0.055	0.008B	0B	0B
18	0B	0B	0B	0B	0 B	0.325E	0.006	0.005	0.053	0.007B	0B	0B
19	0B	0B	0B	0B	0 B	0.270E	0.004	0.005	0.047	0.005B	0B	0B
20	0B	0B	0B	0B	0 B	0.226E	0.003	0.005	0.045	0.005B	0B	0B
21	0B	0B	0B	0B	0 B	0.190A	0.003	0.004	0.044	0.005B	0B	0B
22	0B	0B	0B	0B	0 B	0.153	0.002	0.004	0.044	0.004B	0B	0B
23	0B	0B	0B	0B	0 B	0.113	0.001	0.004	0.042	0.003B	0B	0B
24	0B	0B	0B	0B	0 B	0.092	0	0.006	0.040	0.003B	0B	0B
25	0B	0B	0B	0B	0 B	0.083	0	0.008	0.044	0.002B	0B	0B
26	0B	0B	0B	0B	0 B	0.076	0	0.008	0.046	0.002B	0B	0B
27	0B	0B	0B	0B	0 B	0.065	0.001	0.013	0.050	0.001B	0B	0B
28	0B	0B	0B	0B	0 B	0.058	0	0.021	0.046	0.001B	0B	0B
29	0B		0B	0B	0.001B	0.051	0.001	0.024	0.051B	0.001B	0B	0B
30	0B		0B	0B	0.003B	0.045	0.001	0.030	0.046B	0.001B	0B	0B
31	0B		0B		0.010B		0	0.037		0 B		0B
TOTAL	0	0	0	0	0.014	47.995	0.238	0.247	1.700	0.401	0	0
MEAN	0	0	0	0	0	1.60	0.008	0.008	0.057	0.013	0	0
MAX	0	0	0	0	0.010	8.00	0.037	0.037	0.088	0.040	0	0
MIN	0	0	0	0	0	0.045	0	0	0.040	0	0	0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 8.00B ON JUN 3
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 44 20 N
LONG 133 29 00 W
DRAINAGE AREA, 62.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	20.6
FEB	0	AUG	21.3
MAR	0	SEP	147
APR	0	OCT	34.6
MAY	1.21	NOV	0
JUN	4 150	DEC	0

TOTAL DISCHARGE, 4 370 dam³

NORTHWEST TERRITORIES

TROUT RIVER NEAR THE MOUTH - STATION NO 10DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12 6 B	8 880	7 200	6 450	7 740	12 40	88 0E	148E	98 0E	94 9	55 00	27 50	1
2	12 4 B	8 800	7 170	6 470	7 620	12 50	74 0E	144E	96 2E	93 5	54 00	26 80	2
3	12 2 B	8 700	7 140	6 490	7 520	12 80	81 9	140E	94 0E	91 7	52 70	25 80	3
4	12 0 B	8 600	7 120	6 510	8 030	13 10	89 5	135A	105 E	90 4	54 00	25 00	4
5	11 9 B	8 500	7 100	6 520	8 140	13 40	97 2	133	108 E	90 2	55 10	24 80	5
6	11 7 B	8 420	7 070	6 540	8 200	13 70	105	128	111 E	88 1	54 80	24 00	6
7	11 5 B	8 380	7 050	6 560	8 300	14 20	112	126	110 E	86 4	54 00	23 40	7
8	11 4 B	8 300	7 020	6 580	8 400	14 70	115	123	110 A	85 0	53 00	22 80	8
9	11 3 B	8 230	6 990	6 600	8 450	15 20	119	120	110	83 8	51 50	22 00	9
10	11 1 B	8 180	6 960	6 620	8 540	15 70	120	117	110	82 9	50 20	21 40	10
11	11 0 B	8 120	6 900	6 670	8 600	16 30	159	113	107	80 8	49 20	20 80	11
12	10 8 B	8 040	6 850	6 710	8 720	17 10	150	114	105	79 2	47 80	20 10	12
13	10 7 B	7 990	6 800	6 760	8 820	18 10	161	133	115	78 1	46 80	19 80	13
14	10 5 B	7 920	6 760	6 800	8 940	19 20	183	136	114	75 8	45 80	19 00	14
15	10 5 B	7 830	6 740	6 850	9 050	20 50	188	135A	112	74 7	45 00	18 30	15
16	10 4 B	7 780	6 700	6 900	9 200	21 80	171	132E	111	73 9	43 80	17 80	16
17	10 3 B	7 750	6 670	6 950	9 300	23 50	183	130E	111	70 3	42 40	17 10	17
18	10 2 B	7 700	6 640	6 990	9 440	25 50	190	125E	108	73 6	41 00	16 60	18
19	10 1 B	7 650	6 610	7 030	9 600	27 00	186	134E	106	71 9	39 80	16 30	19
20	10 0 B	7 600	6 590	7 070	9 780	29 20	187	132E	105	89 9	38 50	16 00	20
21	9 950	7 550	6 580	7 110	9 980	31 00	169	130E	103	68 7	37 40	15 70	21
22	9 820	7 500	6 530	7 170	10 2 B	33 00	184 A	118E	101	67 5	36 20	15 40	22
23	9 700	7 450	6 510	7 220	10 4 B	35 50	180 E	116E	96 5	67 0	35 60	15 00	23
24	9 600	7 400	6 490	7 300	10 5 B	38 30	177 E	114E	98 1	65 0	34 20	14 80	24
25	9 500	7 350	6 460	7 380	10 7 B	41 40	174 E	112E	98 9	63.80	33 00	14 20	25
26	9 400	7 320	6 440	7 440	11 0 B	45 00	170 E	110E	98 1	62 00	31 80	13 80	26
27	9 300	7 300	6 430	7 500	11 2 B	49 40	166 E	108E	94 4	60 80	31 00	13 50	27
28	9 200	7 250	6 420	7 560	11 4 B	53 50	163 E	105E	98 2	59 80	30 00	13 20	28
29	9 100		6 420	7 620	11 6 B	56 50	159 E	104E	97 3	58.20	29 00	13 00	29
30	9 020		6 420	7 660	11 8 B	62 50	155 E	103E	96 2	56.80	28 00	12 70	30
31	8 940		6 430		12 1 B		151 E	100E		56 00.		12 40	31
TOTAL	328.23	222 51	209 18	208 06	293.88	804 1	4 591.0	3 792	3 181 0	2 320 0	1 301 4	578 3	TOTAL
MEAN	10 5	7.95	6 75	6 94	9 48	26 8	148	122	106	74 8	42 4	18 7	MEAN
MAX	12 6	8 88	7.20	7 66	12 1	62 5	190	148	115	94 0	55 1	27 5	MAX
MIN	8 94	7.25	6 42	6 45	7 74	12 4	88 0	100	94 4	56.0	28 0	12.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.8
MAXIMUM DAILY, 190 ON JUL 18
MINIMUM DAILY, 6 420 ON MAR 28
MAXIMUM INSTANTANEOUS,
191 AT 01:15 MST ON JUL 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 35 10 N
LONG 111 53 30 W
DRAINAGE AREA, 5 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 200	JUL	397 000
FEB	19 200	AUG	328 000
MAR	18 100	SEP	275 000
APR	18 000	OCT	200 000
MAY	25 400	NOV	112 000
JUN	69 500	DEC	50 000

TOTAL DISCHARGE, 1 540 000 dam³

TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.900	1.800	2.350	4 500	84 0B	237	71.5	32.1	18.4	5.000	3.500	1.90 B	1
2	1.900	1.800	2.400	4.600	85.0B	214	86.9	30.6	15.0	5.000	3.500	1.40 B	2
3	1.900	1.800	2.450	4.700	110 B	202	81.9	29.7	16.0	5.000	3.500	1.30 B	3
4	1.900	1.800	2.500	4.900	107	194	87.4	32.7	14.8	5.400	3.400	1.15 B	4
5	1.900	1.800	2.500	5.000	103	187	95.8	28.1	13.1	5.200	3.400	1.05 B	5
6	1.900	1.800	2.550	5.200	107	186	51.0	32.3	12.6	4.800	3.300	1.00 B	6
7	1.900	1.850	2.600	5.350	108	185 A	48.5	32.5	12.8	5.200	3.300	0.9500	7
8	1.900	1.850	3.600	5.500	121	182 E	48.8	30.6	11.1	5.400	3.200	0.8000	8
9	1.900	1.850	2.650	5.700	146	175 E	49.4	30.4	12.2	5.200	3.200	0.8000	9
10	1.900	1.900	2.700	5.900	150	167 E	48.8	29.6	12.9	4.800	3.100	0.8000	10
11	1.850	1.900	2.750	6.100	153	159 E	45.0	28.5	12.0	5.000	3.100	0.8000	11
12	1.850	1.850	2.800	6.300	154	151 E	43.4	25.6	11.5	4.800	3.000	0.7500	12
13	1.850	1.850	2.850	6.500	177	142 E	38.8	24.3	11.4	5.400	3.000	0.7500	13
14	1.850	2.000	2.900	6.800	184	135 E	35.7A	24.0	11.7	5.100	2.900	0.7000	14
15	1.850	2.000	3.000	7.000	186	136 E	33.9E	24.1	11.8	4.800	2.900	0.7000	15
16	1.820	2.050	3.050	7.300	205	121 E	32.7E	25.9	14.6	4.200	2.850	0.7000	16
17	1.820	2.100	3.100	7.500	218	115 E	31.7E	25.2	10.9	4.300	2.800	0.8500	17
18	1.820	2.100	3.200	7.600	227	112 E	30.9E	21.6	7.77	4.400	2.750	0.8500	18
19	1.820	2.100	3.250	8.100	224	110 E	30.2E	21.7	8.81	4.400	2.650	0.8000	19
20	1.820	2.100	3.300	8.300	243	106 E	29.5E	23.8	8.95	4.300	2.600	0.8000	20
21	1.820	2.100	3.400	8.800	253	100 E	28.8A	22.4	9.35	4.200	2.500	0.5850	21
22	1.820	2.150	3.500	9.200	254	104 A	27.3	23.6	10.4	4.100	2.450	0.5500	22
23	1.820	2.200	3.550	10.0 B	248	101	27.0	24.2	9.72	4.100	2.350	0.5000	23
24	1.820	2.200	3.650	11.0 B	235	96.9	27.1	23.8	11.0	4.000	2.250	0.5000	24
25	1.820	2.250	3.700	13.0 B	234	91.8	25.9	22.6	8.89	4.000	2.200	0.5000	25
26	1.800	2.250	3.800	15.0 B	251	89.3	25.2	22.0	9.10	3.900	2.100	0.4500	26
27	1.800	2.250	3.900	19.0 B	254	85.7	23.4	19.7	7.37	3.800	2.050	0.4500	27
28	1.800	2.300	4.000	25.0 B	255	82.5	22.3	19.0	4.15	3.800	1.950	0.4000	28
29	1.800		4.100	35.0 B	252	78.8	22.1	17.8	3.34	3.700	1.800	0.4000	29
30	1.800		4.250	48.0 B	250	74.9	23.0	16.4	4.000	3.700	1.850	0.4000	30
31	1.800		4.350		239		22.1	17.2		3.800		0.4000	31
TOTAL	57.25	55.20	97.73	315.15	5 925.0	4 112.7	1 105.7	739.7	225.45	142.00	83.35	22.985	TOTAL
MEAN	1.85	2.01	3.15	10.5	191	137	35.2	23.9	10.8	4.58	2.78	0.741	MEAN
MAX	1.90	2.30	4.35	48.0	255	227	71.5	32.5	18.4	5.80	3.80	1.90	MAX
MIN	1.80	1.80	2.35	4.50	84.0	74.9	22.1	16.4	3.34	3.80	1.85	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.8
MAXIMUM DAILY, 255 ON MAY 28
MINIMUM DAILY, 0.4000 ON DEC 26
MAXIMUM INSTANTANEOUS,
255 AT 02:24 MST ON MAY 28

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 00 N
LONG 119 45 30 W
DRAINAGE AREA, 8 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 950	JUL	102 000
FEB	4 880	AUG	83 000
MAR	8 440	SEP	35 100
APR	27 000	OCT	12 300
MAY	612 000	NOV	7 200
JUN	395 000	DEC	1 980

TOTAL DISCHARGE, 1 130 000 dam³

NORTHWEST TERRITORIES

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2958	0.2308	0.2258	0.2308	0.2488	24.8	22.8	7.98	4.42	1.28 B	0.3638	0.4908	1
2	0.2908	0.2308	0.2308	0.2308	0.2488	27.2	21.3	11.6	4.99	1.26 B	0.3808	0.4308	2
3	0.2908	0.2308	0.2308	0.2308	0.2508	17.5	19.9	7.98	5.64	1.11 B	0.4008	0.4008	3
4	0.2858	0.2308	0.2308	0.2308	0.2508	16.8	17.7	5.58	4.71	0.9848	0.4208	0.3848	4
5	0.2858	0.2308	0.2308	0.2308	0.2538	17.6	16.2	5.65	4.77	0.8138	0.4308	0.3528	5
6	0.2808	0.2308	0.2308	0.2358	0.2588	19.1	13.8	4.94	4.90	0.6098	0.4408	0.3408	6
7	0.2808	0.2308	0.2308	0.2358	0.2608	20.0	11.5	4.48	4.09	0.7208	0.4488	0.3208	7
8	0.2758	0.2308	0.2308	0.2358	0.2848	18.0	10.8	3.88	3.53	0.5838	0.4708	0.3108	8
9	0.2708	0.2308	0.2308	0.2358	0.2588	16.5	10.2	3.61	3.21	0.5978	0.4908	0.3008	9
10	0.2708	0.2308	0.2308	0.2358	0.2708	17.4	9.29	4.18	2.98	0.5808	0.5108	0.2908	10
11	0.2658	0.2258	0.2308	0.2358	0.2738	22.2	10.5	4.83	2.89	0.5508	0.5308	0.2808	11
12	0.2658	0.2258	0.2308	0.2358	0.2768	26.2	11.6	5.63	3.51	0.5088	0.5508	0.2758	12
13	0.2608	0.2258	0.2308	0.2358	0.2708	24.3	11.6	4.51	2.86	0.4388	0.5708	0.2708	13
14	0.2608	0.2258	0.2308	0.2358	0.2808	25.4	12.5	3.82	2.75	0.4208	0.5908	0.2808	14
15	0.2558	0.2258	0.2308	0.2388	0.2418	27.2	11.2	3.83	2.57	0.4008	0.6108	0.2858	15
16	0.2558	0.2258	0.2308	0.2388	0.2488	28.5	9.84	4.95	2.46	0.3808	0.6308	0.2808	16
17	0.2508	0.2258	0.2308	0.2388	0.2598	29.0	9.36	6.58	2.09	0.3708	0.6508	0.2488	17
18	0.2508	0.2258	0.2308	0.2388	0.2718	29.6	8.18	7.80	1.98	0.3628	0.6808	0.2408	18
19	0.2508	0.2258	0.2308	0.2388	0.2648	31.4	9.82	6.58	1.88	0.3188	0.6708	0.2358	19
20	0.2458	0.2258	0.2308	0.2388	0.2758	28.7	9.06	5.46	1.70	0.3028	0.6808	0.2308	20
21	0.2458	0.2258	0.2308	0.2388	0.2858	30.5	8.04	5.03	2.21	0.2908	0.6808	0.2288	21
22	0.2408	0.2258	0.2308	0.2388	0.2958	32.4	8.80	5.37	2.92	0.2748	0.6828	0.2208	22
23	0.2408	0.2258	0.2308	0.2408	0.3008	34.6	8.32	5.08	2.46	0.2708	0.6708	0.2188	23
24	0.2408	0.2258	0.2308	0.2408	0.315	33.5	7.77	7.84	2.41	0.2708	0.6608	0.2158	24
25	0.2358	0.2258	0.2308	0.2408	0.288	33.0	8.69	8.28	2.08	0.2708	0.6408	0.2108	25
26	0.2358	0.2258	0.2308	0.2408	0.334	31.3	8.19	7.14	1.528	0.2758	0.6108	0.2088	26
27	0.2358	0.2258	0.2308	0.2408	0.445	28.7	8.93	7.91	1.078	0.2908	0.5908	0.2008	27
28	0.2308	0.2258	0.2308	0.2408	0.522	25.8	9.82	8.58	1.138	0.3008	0.5608	0.2008	28
29	0.2308		0.2308	0.2428	2.98	24.3	8.75	8.72	1.288	0.3158	0.5308	0.1908	29
30	0.2308		0.2308	0.2448	7.84	23.4	8.01	8.13	1.208	0.3308	0.5008	0.1858	30
31	0.2308		0.2308		15.8		4.48	4.77		0.3518		0.1808	31
TOTAL	7.985	6.350	7.135	7.083	34.721	776.7	330.33	183.95	85.05	15.017	15.615	8.380	TOTAL
MEAN	0.257	0.227	0.230	0.228	1.12	25.9	10.7	5.93	2.84	0.517	0.554	0.270	MEAN
MAX	0.295	0.230	0.230	0.244	15.8	42.4	22.8	11.6	5.64	1.28	0.842	0.480	MAX
MIN	0.230	0.225	0.225	0.230	0.241	15.8	4.48	3.61	1.07	0.270	0.385	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.05
MAXIMUM DAILY, 42.4 ON JUN 22
MINIMUM DAILY, 0.1808 ON DEC 31
MAXIMUM INSTANTANEOUS,
48.5 AT 05:25 MST ON JUN 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 12 10 N
LONG 129 47 30 W
DRAINAGE AREA, 312 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	686	JUL	28 500
FEB	549	AUG	15 900
MAR	615	SEP	7 350
APR	613	OCT	1 380
MAY	3 000	NOV	1 440
JUN	67 000	DEC	724

TOTAL DISCHARGE, 128 000 dam³

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10YE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.8	4.84	1.00	0.159	---	---	---	1
2	---	---	---	---	---	0.8	4.18	0.886	0.139	---	---	---	2
3	---	---	---	---	---	0.8	3.46	0.495	0.127	---	---	---	3
4	---	---	---	---	---	0.8	3.42	0.323	0.084	---	---	---	4
5	---	---	---	---	---	0.8	3.33	0.495	0.035	---	---	---	5
6	---	---	---	---	---	0.8	2.71	0.498	0.034	---	---	---	6
7	---	---	---	---	---	0.8	2.03	0.265	0.032	---	---	---	7
8	---	---	---	---	---	0.8	3.43	0.322	0.030	---	---	---	8
9	---	---	---	---	---	0.8	4.86	0.258	0.030	---	---	---	9
10	---	---	---	---	---	0.8	5.84	0.198	0.030	---	---	---	10
11	---	---	---	---	---	0.8	4.42	0.387	0.030	---	---	---	11
12	---	---	---	---	---	0.8	2.78	0.349	0.029	---	---	---	12
13	---	---	---	---	---	0.8	2.68	0.228	0.028	---	---	---	13
14	---	---	---	---	---	0.0018	3.21	0.267	0.028	---	---	---	14
15	---	---	---	---	---	0.0038	4.40	0.480	0.029	---	---	---	15
16	---	---	---	---	---	0.0068	5.05	0.578	0.029	---	---	---	16
17	---	---	---	---	---	0.0238	4.79	0.757	0.028A	---	---	---	17
18	---	---	---	---	---	0.0528	3.18	0.491	0.027A	---	---	---	18
19	---	---	---	---	---	0.1208	2.86	0.229	0.026A	---	---	---	19
20	---	---	---	---	---	0.3068	2.61	0.183	0.024E	---	---	---	20
21	---	---	---	---	---	0.8408	1.07	0.133	0.023E	---	---	---	21
22	---	---	---	---	---	1.13 B	0.315	0.103	0.022E	---	---	---	22
23	---	---	---	---	---	1.80 B	0.478	0.082	0.021E	---	---	---	23
24	---	---	---	---	---	2.00 B	2.00	0.088	0.021E	---	---	---	24
25	---	---	---	---	---	2.50 B	2.57	0.088	0.020E	---	---	---	25
26	---	---	---	---	---	3.10 B	2.90	0.084	0.019E	---	---	---	26
27	---	---	---	---	---	3.38 B	1.10	0.082	0.018E	---	---	---	27
28	---	---	---	---	---	3.13	0.758	0.058	0.018E	---	---	---	28
29	---		---	---	---	3.52	1.08	0.055	0.017E	---	---	---	29
30	---		---	---	---	4.86	0.778	0.057	0.015E	---	---	---	30
31	---		---		---		1.38	0.098		---	---	---	31
TOTAL	---	---	---	---	---	28.385	91.584	9.285	1.144	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.879	2.95	0.299	0.038	---	---	---	MEAN
MAX	---	---	---	---	---	4.86	5.84	1.00	0.159	---	---	---	MAX
MIN	---	---	---	---	---	0	0.315	0.055	0.015	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 5.84 ON JUL 19
MINIMUM DAILY, 0.0 ON JUN 1

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 00 N
LONG 83 55 00 W
DRAINAGE AREA, 30.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 910
FEB	---	AUG	800
MAR	---	SEP	98.8
APR	---	OCT	---
MAY	---	NOV	---
JUN	2 380	DEC	---

TOTAL DISCHARGE, 11 100 dam³

TWITYA RIVER NEAR THE MOUTH - STATION NO [illegible]

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.00	10.0 B	8.500	7.400	18.70	760	180	151	80.8	41.00	12.90	11.2 B	1
2	12.00	10.0 B	8.500	7.400	19.50	610	175	233	84.8	42.50	12.90	11.1 B	2
3	11.80	9.800	8.400	7.400	22.00	581	167	225 B	90.1	42.00	12.80	11.1 B	3
4	11.80	9.800	8.400	7.400	25.00	319	185	185	109	40.00	12.70	11.1 B	4
5	11.70	9.600	8.300	7.400	29.00	343	139	188 B	97.0	39.00	12.70	11.0 B	5
6	11.70	9.700	8.300	7.400	33.00	343	170	160 B	90.2	38.00	12.60	11.0 B	6
7	11.50	9.600	8.200	7.300	37.50	307	160	131 B	89.2	37.00	12.60	10.9 B	7
8	11.50	9.600	8.200	7.300	42.00	188	93.2	117 B	81.6	36.00	12.50	10.9 B	8
9	11.50	9.500	8.100	7.300	41.50	177	93.5	100 B	76.8	35.00	12.50	10.8 B	9
10	11.40	9.500	8.100	7.300	40.00	177	87.8	90.5	71.6	34.00	12.40	10.8 B	10
11	11.30	9.400	8.000	7.300	39.50	218	90.7	105	67.2	33.00	12.40	10.7 B	11
12	11.20	9.400	8.000	7.300	36.24	279	161	111	63.8	32.00	12.30	10.7 B	12
13	11.10	9.300	8.000	7.300	37.1	228	146	116	61.6	31.00	12.20	10.7 B	13
14	11.10	9.300	7.900	7.300	40.2	230	134	117	60.5	30.00	12.20	10.6 B	14
15	11.00	9.200	7.900	7.200	44.6	257	120	101	58.5	29.00	12.00	10.6 B	15
16	11.00	9.200	7.800	7.300	50.5	284	135	99.6	57.1	27.00	12.00	10.5 B	16
17	10.80	9.100	7.800	7.300	46.3	277	124	118	56.4	25.00	12.00	10.5 B	17
18	10.80	9.000	7.800	7.300	38.8	264	104	189	53.4	23.00	11.90	10.4 B	18
19	10.70	9.000	7.700	7.300	37.3	265	90.3	178	51.1	21.00	11.80	10.4 B	19
20	10.70	9.000	7.700	7.300	40.2	265	87.5	180	48.8	19.00	11.70	10.4 B	20
21	10.60	8.900	7.600	7.600	55.9	258	82.3	150	48.8	17.00	11.60	10.3 B	21
22	10.50	8.800	7.600	7.800	61.1	260	75.9	138	48.7	16.00	11.60	10.3 B	22
23	10.50	8.800	7.600	7.900	36.9	251	78.3	131	48.7	15.50	11.50	10.2 B	23
24	10.50	8.800	7.600	8.200	44.7	247	107	127	48.5	15.00	11.50	10.2 B	24
25	10.40	8.700	7.600	8.800	60.0	258	133	120	48.1	14.50	11.50	10.1 B	25
26	10.40	8.600	7.500	9.500	103	250	100	116	48.7	14.00	11.50	10.1 B	26
27	10.30	8.600	7.500	10.2 B	167	223	94.4	100	43.6	13.80	11.40	10.0 B	27
28	10.20	8.600	7.500	11.5 B	185	209	95.0	112	41.5	13.50	11.40	10.0 B	28
29	10.10		7.400	13.0 B	265	213	110	103	38.6	13.20	11.30	9.900 B	29
30	10.10		7.400	15.0 B	400	193	130	90.7	40.00	13.00	11.30	9.800 B	30
31	10.00		7.400		571		140	90.0		13.00		9.800 B	31
TOTAL	340.2	259.10	244.10	245.44	2 050.5	8 218	3 676.0	4 127.0	1 817.0	812.0	361.7	326.20	TOTAL
MEAN	11.0	9.25	7.87	8.18	65.7	274	119	133	63.5	26.2	12.1	10.5	MEAN
MAX	12.0	10.0	8.50	15.0	571	760	184	235	105	42.5	12.9	11.2	MAX
MIN	10.0	8.60	7.40	7.20	18.7	172	76.6	90.0	38.6	13.0	11.3	9.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.5
MAXIMUM DAILY, 760 ON JUN 1
MINIMUM DAILY, 7.200 ON APR 15
MAXIMUM INSTANTANEOUS,
841 AT 06:30 MST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 08 10 N
LONG 128 16 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 400	JUL	317 000
FEB	22 400	AUG	357 000
MAR	21 100	SEP	156 000
APR	21 200	OCT	70 200
MAY	230 000	NOV	31 300
JUN	710 000	DEC	28 200

TOTAL DISCHARGE, 2 000 000 dam³

WALDRON RIVER NEAR THE MOUTH - STATION NO 07SC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.63E	1.16 E	0.820E	0.606A	0.432E	0.370E	15.6	19.3	20.5	15.4E	14.2	9.74	1
2	1.62E	1.15 E	0.810E	0.599E	0.430E	0.400E	15.6	19.1	20.4	15.3E	14.0 A	9.53	2
3	1.60E	1.14 E	0.800E	0.592E	0.425E	0.430E	15.6	19.0	20.0	15.1E	13.9	9.18	3
4	1.58E	1.13 E	0.800E	0.585E	0.420E	0.465E	15.6	19.4	19.7	16.0E	13.8 A	8.89	4
5	1.56E	1.11 E	0.790E	0.578E	0.415E	0.530E	15.6	19.3	19.5A	15.9E	13.6 E	8.66	5
6	1.55E	1.10 E	0.780E	0.572E	0.410E	0.600E	15.5	19.3	19.3E	15.9E	13.6 A	8.42	6
7	1.53E	1.09 E	0.775E	0.563E	0.405E	0.730E	15.6	19.3	19.1E	15.8E	13.5	8.38A	7
8	1.51E	1.08 E	0.770E	0.560E	0.403E	0.860E	15.5	19.3	19.0E	15.8A	13.2	8.10E	8
9	1.50E	1.07 E	0.765E	0.554E	0.400E	1.27 E	15.5	19.4	18.8E	15.7E	13.1	7.80E	9
10	1.48E	1.05 E	0.755E	0.548E	0.397E	1.56 E	15.5	19.5	18.7E	15.6A	13.0 A	7.63E	10
11	1.48E	1.04 E	0.750E	0.540E	0.395E	2.50 E	15.3	19.8	18.6E	15.5	12.7 A	7.20E	11
12	1.45E	1.02 E	0.740E	0.535E	0.391E	2.85 E	15.4	19.8	18.5E	15.4	12.5	6.91E	12
13	1.43E	1.00 E	0.730E	0.530E	0.388E	3.65 E	15.4	20.1	18.4E	15.5	12.2	6.70E	13
14	1.41E	0.990E	0.715E	0.523E	0.382E	5.05 E	15.6	20.2	18.3E	15.4A	12.1	6.40E	14
15	1.40E	0.980E	0.705E	0.518E	0.378E	6.35 E	15.8	20.3	18.2E	15.3E	12.0	6.10E	15
16	1.39E	0.970E	0.695E	0.511E	0.376E	7.50 E	16.8	20.9	18.0E	15.1A	11.8	5.91E	16
17	1.37E	0.960E	0.690E	0.503E	0.375A	8.16 A	16.8	21.6	17.9E	14.8	11.8	5.69E	17
18	1.36E	0.950E	0.685E	0.500E	0.370	8.57	17.4	21.8	17.8E	14.1	11.8 A	5.50E	18
19	1.35E	0.930E	0.680E	0.495E	0.370	8.95	18.1	21.6	17.7E	14.1	11.6 A	5.24E	19
20	1.33E	0.920E	0.675E	0.490E	0.375A	9.58	18.0	22.3	17.6E	14.1	11.3	5.03E	20
21	1.31E	0.910E	0.665E	0.482E	0.378E	10.2	19.2	22.3	17.5E	14.2A	11.2 A	4.85E	21
22	1.30E	0.900E	0.655E	0.477E	0.380E	10.5	19.4	22.3	17.4E	14.3E	11.2 A	4.65E	22
23	1.29E	0.890E	0.650E	0.472E	0.379E	11.5	19.5	22.4	17.3E	14.7A	11.1	4.50E	23
24	1.27E	0.880E	0.645E	0.466E	0.375E	12.2	19.8	22.3	17.2E	14.9	10.9	4.30E	24
25	1.26E	0.870E	0.640E	0.461E	0.370E	13.0	19.8	22.3	17.1E	14.8	10.7	4.10E	25
26	1.24E	0.860E	0.630E	0.458E	0.365E	13.6	19.8	22.2	17.0E	14.8	10.5	3.92E	26
27	1.23E	0.850E	0.625E	0.453E	0.361E	14.5	19.7	22.0	16.9E	14.7	10.5	3.74E	27
28	1.22E	0.840E	0.625E	0.449E	0.356E	14.8	19.6	21.7	16.7E	14.5A	10.3	3.60E	28
29	1.20E		0.620E	0.442E	0.352E	15.3	19.6	21.4	16.6E	14.3A	10.1	3.48E	29
30	1.19E		0.615E	0.438E	0.350E	15.4	19.7	21.1	16.5E	14.2	9.86	3.37E	30
31	1.18E		0.613A		0.351E		19.4	21.1		14.2		3.29E	31
TOTAL	43.20	27.850	21.913	15.506	11.953	202.075	535.6	642.2	546.5	468.1	362.46	189.94	TOTAL
MEAN	1.39	0.995	0.707	0.517	0.386	6.74	17.3	20.7	18.2	15.1	12.1	6.13	MEAN
MAX	1.63	1.16	0.820	0.606	0.432	15.4	19.8	22.4	20.5	16.4	14.2	9.74	MAX
MIN	1.18	0.840	0.613	0.438	0.350	0.370	15.3	19.0	16.5	14.1	9.86	3.29	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.41
MAXIMUM DAILY, 22.4 ON AUG 23
MINIMUM DAILY, 0.350E ON MAY 30
MAXIMUM INSTANTANEOUS,
22.5 AT 10:32 MST ON AUG 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 02 50 N
LONG 110 28 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 730	JUL	46 300
FEB	2 410	AUG	55 500
MAR	1 890	SEP	47 200
APR	1 340	OCT	40 600
MAY	1 030	NOV	31 300
JUN	17 500	DEC	16 500

TOTAL DISCHARGE, 266 000 dam³

WELDON CREEK NEAR THE MOUTH - STATION NO 10LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0 B	0 B	0 B	0 B	113 E	2.70	0.388	0.675	2.18	0.2300	0 B	1
2	0 B	0 B	0 B	0 B	0 B	91.9 E	2.25	0.385	0.503	2.67	0.2100	0 B	2
3	0 B	0 B	0 B	0 B	0 B	67.5	1.63	0.383	0.806	4.85	0.1800	0 B	3
4	0 B	0 B	0 B	0 B	0 B	31.7	1.51	0.350	0.739	6.04	0.1300	0 B	4
5	0 B	0 B	0 B	0 B	0 B	24.6	1.37	0.338	0.665	6.30	0.0800	0 B	5
6	0 B	0 B	0 B	0 B	0 B	20.7	1.07	0.305	1.13	6.12	0.0500	0 B	6
7	0 B	0 B	0 B	0 B	0 B	16.3	0.882	0.275	1.21	5.76	0.0300	0 B	7
8	0 B	0 B	0 B	0 B	0 B	16.6	0.757	0.207	1.32	4.82	0.0100	0 B	8
9	0 B	0 B	0 B	0 B	0 B	15.1	0.717	0.188	1.19	3.70	0 B	0 B	9
10	0 B	0 B	0 B	0 B	0 B	15.8	0.660	0.171	1.11	3.66 B	0 B	0 B	10
11	0 B	0 B	0 B	0 B	0 B	15.2	0.535	0.287	1.03	3.49 B	0 B	0 B	11
12	0 B	0 B	0 B	0 B	0 B	16.3	0.561	0.300	0.950	3.14 B	0 B	0 B	12
13	0 B	0 B	0 B	0 B	0 B	22.5	0.746	0.999	0.886	3.05 B	0 B	0 B	13
14	0 B	0 B	0 B	0 B	0 B	18.2	0.808	1.31	0.819	2.66 B	0 B	0 B	14
15	0 B	0 B	0 B	0 B	0 B	16.3	0.880	1.20	0.763	3.40 B	0 B	0 B	15
16	0 B	0 B	0 B	0 B	0 B	13.8	1.03	1.21	0.705	2.30 B	0 B	0 B	16
17	0 B	0 B	0 B	0 B	0 B	12.7	1.11	1.18	0.881	2.13 B	0 B	0 B	17
18	0 B	0 B	0 B	0 B	0 B	13.1	1.06	1.17	0.851	2.00 B	0 B	0 B	18
19	0 B	0 B	0 B	0 B	0 B	12.6	0.980	1.15	0.852	1.78 B	0 B	0 B	19
20	0 B	0 B	0 B	0 B	0 B	11.1	0.882	1.01	0.841	1.58 B	0 B	0 B	20
21	0 B	0 B	0 B	0 B	0 B	9.80	0.703	0.905	0.836	1.39 B	0 B	0 B	21
22	0 B	0 B	0 B	0 B	0.0100 B	8.55	0.663	0.827	0.770	1.23 B	0 B	0 B	22
23	0 B	0 B	0 B	0 B	0.0200 B	7.52	0.592	0.758	1.18	1.07 B	0 B	0 B	23
24	0 B	0 B	0 B	0 B	0.0300 B	6.82	0.537	0.708	1.45	0.9800 B	0 B	0 B	24
25	0 B	0 B	0 B	0 B	0.0400 B	5.96	0.496	0.698	1.92	0.8600 B	0 B	0 B	25
26	0 B	0 B	0 B	0 B	0.0800 B	5.31	0.450	0.637	2.22	0.7300 B	0 B	0 B	26
27	0 B	0 B	0 B	0 B	0.1100 B	4.73	0.384	0.647	1.83	0.6100 B	0 B	0 B	27
28	0 B	0 B	0 B	0 B	0.1800 B	4.08	0.384	0.607	2.17	0.5400 B	0 B	0 B	28
29	0 B		0 B	0 B	0.3800 B	3.61	0.318	0.567	2.30	0.4500 B	0 B	0 B	29
30	0 B		0 B	0 B	70.0 B	3.05	0.328	0.503	2.21	0.3800 B	0 B	0 B	30
31	0 B		0 B		123 B		0.383	0.477		0.2300 B		0 B	31
TOTAL	0	0	0	0	193.660	598.05	27.517	19.947	33.535	79.450	0.909	0	TOTAL
MEAN	0	0	0	0	6.25	19.9	0.888	0.643	1.12	2.56	0.030	0	MEAN
MAX	0	0	0	0	123	113	2.70	1.31	2.30	6.30	0.230	0	MAX
MIN	0	0	0	0	0	3.05	0.318	0.171	0.475	0.330	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.15
MAXIMUM DAILY, 123B ON MAY 31
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 23 10 N
LONG 132 39 00 W
DRAINAGE AREA, 847 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	2 380
FEB	0	AUG	1 720
MAR	0	SEP	2 900
APR	0	OCT	6 860
MAY	16 700	NOV	78.5
JUN	51 600	DEC	0

TOTAL DISCHARGE, 82 100 dam³

WHITEFISH RIVER NEAR THE MOUTH - STATION NO 10JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.950 B	0.420 B	0.140 B	0.030 B	0.030 B	257 B	59.1	7.82E	3.49E	3.40	2.36 B	1.46 B	1
2	0.920 B	0.410 B	0.120 B	0.030 B	0.030 B	252 E	55.1	7.52E	3.45E	3.30	2.35 B	1.44 B	2
3	0.900 B	0.395 B	0.120 B	0.030 B	0.030 B	236 E	51.1	7.25E	3.41E	3.28	2.32 B	1.42 B	3
4	0.880 B	0.385 B	0.110 B	0.030 B	0.030 B	221 E	47.2	7.00E	3.37E	3.27	2.30 B	1.40 B	4
5	0.860 B	0.375 B	0.100 B	0.030 B	0.030 B	210 E	42.1	6.74E	3.33E	3.25	2.27 B	1.37 B	5
6	0.850 B	0.360 B	0.100 B	0.030 B	0.030 B	181 A	39.3	6.55E	3.30E	3.45	2.24 B	1.33 B	6
7	0.840 B	0.350 B	0.105 B	0.030 B	0.030 B	183	35.4	6.32E	3.26E	3.36	2.21 B	1.31 B	7
8	0.820 B	0.335 B	0.105 B	0.030 B	0.030 B	177	31.8	6.14E	3.22A	3.36 B	2.18 B	1.29 B	8
9	0.810 B	0.325 B	0.100 B	0.030 B	0.030 B	172	28.7	5.95E	3.27	3.32 B	2.17 B	1.26 B	9
10	0.790 B	0.315 B	0.090 B	0.030 B	0.030 B	167	26.2	5.80E	3.28	3.26 B	2.15 B	1.22 B	10
11	0.780 B	0.300 B	0.090 B	0.030 B	0.030 B	162	24.2	5.60E	3.26	3.20 B	2.13 B	1.20 B	11
12	0.750 B	0.290 B	0.090 B	0.030 B	0.030 B	157	22.7	5.42E	3.21	3.14 B	2.10 B	1.17 B	12
13	0.730 B	0.280 B	0.090 B	0.030 B	0.030 B	153	21.2	5.28E	3.15	3.09 B	2.07 B	1.14 B	13
14	0.710 B	0.270 B	0.090 B	0.030 B	0.030 B	148	20.2	5.18E	3.08	3.03 B	2.05 B	1.11 B	14
15	0.700 B	0.260 B	0.090 B	0.030 B	0.030 B	142	19.2	5.00E	3.03	3.00 B	2.03 B	1.08 B	15
16	0.660 B	0.250 B	0.070 B	0.030 B	0.030 B	134	18.1	4.88E	3.11	2.97 B	2.01 B	1.07 B	16
17	0.650 B	0.240 B	0.070 B	0.030 B	0.030 B	128	17.1	4.72E	3.19	2.92 B	1.99 B	1.03 B	17
18	0.630 B	0.230 B	0.070 B	0.030 B	0.030 B	122	16.2	4.60E	3.20	2.88 B	1.97 B	1.01 B	18
19	0.610 B	0.220 B	0.070 B	0.030 B	0.030 B	115	15.5	4.47E	3.20	2.82 B	1.91 B	1.00 B	19
20	0.600 B	0.210 B	0.060 B	0.030 B	0.030 B	108	14.5	4.28E	3.17	2.78 B	1.86 B	0.990 B	20
21	0.580 B	0.200 B	0.060 B	0.030 B	0.030 B	100	13.4	4.28E	3.10	2.74 B	1.82 B	0.970 B	21
22	0.560 B	0.200 B	0.060 B	0.030 B	0.030 B	92.5	12.4	4.18E	3.04	2.71 B	1.78 B	0.950 B	22
23	0.540 B	0.190 B	0.060 B	0.030 B	0.050 B	86.5	11.5	4.07E	3.02	2.67 B	1.75 B	0.930 B	23
24	0.520 B	0.185 B	0.060 B	0.030 B	0.100 B	80.9	10.7 A	4.00E	3.00	2.63 B	1.71 B	0.910 B	24
25	0.510 B	0.180 B	0.060 B	0.030 B	0.200 B	76.5	10.6 E	3.92E	2.88	2.60 B	1.68 B	0.890 B	25
26	0.500 B	0.170 B	0.050 B	0.030 B	0.350 B	78.0	10.1 E	3.83E	3.73	2.56 B	1.64 B	0.870 B	26
27	0.480 B	0.160 B	0.050 B	0.030 B	0.900 B	74.0	9.65E	3.77E	3.54	2.53 B	1.60 B	0.850 B	27
28	0.470 B	0.150 B	0.040 B	0.030 B	4.00 B	70.5	9.25E	3.71E	3.48	2.50 B	1.58 B	0.820 B	28
29	0.450 B		0.040 B	0.030 B	16.0 B	67.0	8.85E	3.66E	3.53	2.47 B	1.55 B	0.800 B	29
30	0.430 B		0.030 B	0.030 B	74.0 B	63.1	8.50E	3.58E	3.51	2.44 B	1.51 B	0.780 B	30
31	0.425 B		0.030 B		240 B		8.10E	3.53E		2.41 B		0.780 B	31
TOTAL	20.825	7.855	2.405	0.900	335.280	4 226.0	718.25	159.11	97.89	81.36	59.33	33.880	TOTAL
MEAN	0.675	0.273	0.078	0.030	10.8	141	23.2	5.13	3.26	2.95	1.98	1.09	MEAN
MAX	0.950	0.420	0.140	0.030	240	257	59.1	7.82	3.73	3.45	2.36	1.46	MAX
MIN	0.425	0.150	0.030	0.030	0.030	63.1	8.10	3.53	2.88	2.41	1.51	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 257B ON JUN 1
MINIMUM DAILY, 0.030B ON MAR 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 43 30 N
LONG 124 36 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 810	JUL	62 100
FEB	681	AUG	13 700
MAR	208	SEP	8 460
APR	77.8	OCT	7 030
MAY	29 100	NOV	5 130
JUN	365 000	DEC	2 930

TOTAL DISCHARGE, 497 000 dam³

WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5 B	7 200	4 000	4 100	6 800	572	137 B	61 B	56 B	35 B	11.60	12.7 B	1
2	15.2 B	6 900	4 000	4 100	6 900	490	126 B	62 B	51 B	35 B	11.80	12.8 B	2
3	15.8 B	6 700	3 800	4 200	7 200	400	115 B	101	49 B	35 B	11.80	12.5 B	3
4	15.8 B	6 500	3 900	4 200	7 500	307	102 B	116	47 B	35 B	12.00	12.3 B	4
5	15.8 B	6 200	3 800	4 200	8 300	262	93 B	120	44 B	34 B	12.20	12.1 B	5
6	15.1 B	6 100	3 800	4 400	10.0 B	227	87 B	125	45 B	33 B	12.40	11.8 B	6
7	14.8 B	5 900	3 800	4 400	12.5 B	218	81 B	123	45 B	33 B	12.40	11.8 B	7
8	14.8 B	5 700	3 700	4 500	16.0 B	211	76 B	118	44 B	32 B	12.50	11.8 B	8
9	14.3 B	5 600	3 700	4 500	20.0 B	207	71 B	106	43 B	32 B	12.60	11.0 B	9
10	14.0 B	5 600	3 700	4 600	23.0 B	300	67 B	95 B	42 B	25 B	12.80	10.6 B	10
11	13.8 B	5 300	3 700	4 500	42.0 B	284	65 B	67 B	41 B	25 B	12.60	10.4 B	11
12	13.6 B	5 200	3 700	4 700	84.0 B	269	62 B	70 B	40 B	30.0 B	12.60	10.0 B	12
13	13.2 B	5 100	3 700	4 800	160 B	259	60 B	72 B	39 B	29.5 B	12.60	9 600	13
14	12.9 B	5 000	3 700	4 800	300 B	243	60 B	73 B	38 B	29.0 B	12.60	9 200	14
15	12.7 B	5 000	3 700	4 900	500 B	230	58 B	75 B	37 B	28.0 B	12.70	8 900	15
16	12.4 B	4 900	3 700	4 900	515 A	221	56 B	82 B	35 B	27.2 B	12.70	8 700	16
17	12.0 B	4 800	3 700	5 000	489	213	55 B	105	35 B	21.6 B	12.70	8 300	17
18	11.7 B	4 700	3 700	5 000	457	213	55 B	119	35 B	16.2 B	12.70	8 000	18
19	11.3 B	4 700	3 700	5 140	422	221	54 B	128	35 B	14.0 B	12.60	7 800	19
20	10.8 B	4 600	3 700	5 200	427	224	53 B	130	37 B	12.8 B	12.60	7 500	20
21	10.5 B	4 600	3 700	5 300	474	219	52 B	122	38 B	10.0 B	12.60	7 300	21
22	10.1 B	4 500	3 700	5 300	468	208E	50 B	112	38 B	9 000	12.60	7 000	22
23	9 700	4 400	3 600	5 400	455	200E	49 B	102	37 B	8 800	12.60	6 800	23
24	9 500	4 400	3 600	5 500	421	183E	47 B	93 B	37 B	8 800	12.60	6 500	24
25	9 100	4 300	3 600	5 700	434	167E	46 B	86 B	36 B	8 800	12.60	6 300	25
26	8 800	4 200	3 800	5 800	490	176E	44 B	80 B	37 B	9 200	12.70	6 000	26
27	8 500	4 200	3 800	5 800	536	170E	43 B	73 B	37 B	9 800	12.70	5 900	27
28	8 200	4 100	3 800	5 100	600	161E	42 B	68 B	37 B	10.0 B	12.70	5 800	28
29	8 000		4 000	5 200	600	154E	41 B	63 B	36 B	11.0 B	12.70	5 600	29
30	7 700		4 000	5 400	670	145E	41 B	60 B	36 B	11.0 B	12.70	5 300	30
31	7 400		4 100		636		40 B	56 B		11.4 B		5 000	31
TOTAL	374.10	149.40	117.60	149.84	9 372.10	8 027	2 041.2	2 664.2	1 227.B	674.10	376.2	274.20	TOTAL
MEAN	12.1	5.33	3.80	4.99	302	268	65.8	82.4	40.9	21.7	12.5	8.85	MEAN
MAX	15.8	7.20	4.10	5.80	670	572	137	130	56.2	35.8	12.8	12.7	MAX
MIN	7.40	4.10	3.70	4.10	6.80	145	40.6	61.5	36.3	8.80	11.6	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.3
MAXIMUM DAILY, 670 ON MAY 30
MINIMUM DAILY, 3 700 ON MAR 8
MAXIMUM INSTANTANEOUS,
679 AT 16:25 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 50 N
LONG 122 54 15 W
DRAINAGE AREA, 21 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 300	JUL	176 000
FEB	12 900	AUG	247 000
MAR	10 200	SEP	106 000
APR	12 900	OCT	58 200
MAY	810 000	NOV	32 500
JUN	694 000	DEC	23 700

TOTAL DISCHARGE, 2 220 000 dam³

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.560B	0.550B	0.460B	4.00B	84.6	5.64	9.37	1.54	1.76 B	0.500B	0.025B	1
2	0.600B	0.560B	0.550B	0.460B	11.4 B	44.6	5.00	32.3	1.58	1.60 B	0.500B	0.025B	2
3	0.600B	0.560B	0.550B	0.460B	16.5 B	33.6	4.68	25.6	2.51	1.40 B	0.500B	0.025B	3
4	0.600B	0.560B	0.550B	0.460B	13.6 B	28.0	4.20	17.3	3.45	1.20 B	0.450B	0.025B	4
5	0.600B	0.560B	0.550B	0.460B	13.3 B	23.6	3.97	13.3	4.07	1.15 B	0.450B	0.025B	5
6	0.600B	0.560B	0.550B	0.460B	12.5 B	21.4	2.86	13.2	3.84	1.10 B	0.400B	0.010B	6
7	0.600B	0.560B	0.550B	0.460B	11.3 B	25.1	2.44	14.5	3.64	1.10 B	0.400B	0.010B	7
8	0.600B	0.560B	0.550B	0.460B	13.7 B	29.0	2.07	11.6	2.88A	1.10 B	0.350B	0.010B	8
9	0.600B	0.560B	0.550B	0.460B	13.6 B	26.5	1.84	9.54	2.80E	1.05 B	0.350B	0.010B	9
10	0.600B	0.560B	0.550B	0.460B	14.7 B	28.7	1.72	7.76	2.75E	1.00 B	0.300B	0.010B	10
11	0.600B	0.560B	0.500B	0.470B	24.5 B	26.9	1.76	6.27	2.70E	1.00 B	0.300B	0 B	11
12	0.600B	0.560B	0.500B	0.470B	20.7	23.5	2.56	5.22	2.65E	1.00 B	0.300B	0 B	12
13	0.600B	0.560B	0.500B	0.470B	20.3	21.3	2.38	4.57	2.60E	0.950B	0.300B	0 B	13
14	0.600B	0.560B	0.500B	0.470B	28.4	20.7	2.59	3.97	2.55E	0.900B	0.300B	0 B	14
15	0.600B	0.560B	0.500B	0.470B	45.2	18.7	2.12	3.64	2.50E	0.900B	0.300B	0 B	15
16	0.600B	0.560B	0.500B	0.470B	44.5	16.5	1.90	3.35	2.45E	0.900B	0.250B	0 B	16
17	0.600B	0.560B	0.500B	0.470B	30.6	32.8	1.86	3.65	2.40E	0.850B	0.250B	0 B	17
18	0.600B	0.560B	0.500B	0.470B	22.5	76.8	1.56	4.18	2.35E	0.850B	0.200B	0 B	18
19	0.600B	0.560B	0.500B	0.470B	21.5	53.1	1.48	3.07	2.30E	0.800B	0.200B	0 B	19
20	0.600B	0.560B	0.500B	0.462B	34.3	33.6	1.37	3.01	2.25E	0.750B	0.200B	0 B	20
21	0.600B	0.550B	0.500B	0.470B	53.3	24.0	1.28	3.50	2.25E	0.750B	0.150B	0 B	21
22	0.600B	0.550B	0.500B	0.470B	38.8	18.5	1.77	3.16	2.20E	0.700B	0.150B	0 B	22
23	0.600B	0.550B	0.500B	0.470B	27.8	16.3	2.82	3.07	2.15E	0.700B	0.150B	0 B	23
24	0.600B	0.550B	0.500B	0.470B	40.1	16.5	4.12	2.55	2.10E	0.650B	0.100B	0 B	24
25	0.600B	0.550B	0.500B	0.470B	70.8	14.1	3.71	2.31	2.05E	0.650B	0.100B	0 B	25
26	0.560B	0.550B	0.500B	0.550B	70.8	12.4	3.03	2.10	2.05E	0.600B	0.100B	0 B	26
27	0.560B	0.550B	0.500B	0.550B	102	10.5	2.43	1.85	2.00E	0.600B	0.100B	0 B	27
28	0.560B	0.550B	0.500B	0.800B	140	9.30	2.00	1.88	1.95E	0.550B	0.100B	0 B	28
29	0.560B		0.500B	1.10 B	130	8.31	6.11	1.72	1.90E	0.550B	0.050B	0 B	29
30	0.560B		0.500B	1.60 B	120	7.25	5.60	1.62	1.60E	0.550B	0.050B	0 B	30
31	0.560B		0.500B		90.4		7.35	1.60		0.500B		0 B	31
TOTAL	18.480	16.000	16.000	16.742	1 306.10	783.45	87.96	222.53	74.26	28.150	7.800	0.175	TOTAL
MEAN	0.586	0.571	0.516	0.558	42.2	26.4	3.18	7.18	2.48	0.908	0.260	0.006	MEAN
MAX	0.600	0.560	0.550	1.60	140	76.8	7.35	32.3	4.07	1.76	0.500	0.025	MAX
MIN	0.560	0.550	0.500	0.462	4.00	7.25	1.28	1.60	1.54	0.500	0.050	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.12
MAXIMUM DAILY, 140 ON MAY 28
MINIMUM DAILY, 00 ON DEC 11
MAXIMUM INSTANTANEOUS,
176 AT 01:44 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 11 30 N
LONG 123 41 30 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 600	JUL	8 480
FEB	1 380	AUG	19 200
MAR	1 380	SEP	6 430
APR	1 450	OCT	2 430
MAY	113 000	NOV	674
JUN	68 000	DEC	15.1

TOTAL DISCHARGE, 225 000 dam³

YATHKYED LAKE NEAR NAIN RIVER INLET - STATION NO 07LC004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	....	....	....	....	197.770E	197.777	198.691	198.619	198.112	197.901	197.801	197.767	1
2	....	....	....	....	197.768E	197.780	198.686	198.611	198.098	197.898	197.807	197.761	2
3	....	....	....	....	197.768E	197.772	198.681	198.592	198.095	197.897	197.813	197.765	3
4	....	....	....	....	197.768E	197.765	198.674	198.574	198.079	197.894	197.810	197.770	4
5	....	....	....	....	197.762E	197.771	198.671	198.566	198.074	197.872	197.804	197.765	5
6	....	....	....	....	197.760E	197.772	198.668	198.550	198.073	197.882	197.802	197.765	6
7	....	....	....	....	197.758E	197.762	198.666	198.547	198.068	197.873	197.810	197.765	7
8	....	....	....	....	197.756E	197.765	198.661	198.536	198.057	197.878	197.801	197.765	8
9	....	....	....	....	197.757E	197.800	198.655	198.513	198.046	197.881	197.789	197.765	9
10	....	....	....	....	197.755E	197.829	198.629	198.501	198.037	197.874	197.801	197.765	10
11	....	....	....	....	197.760E	197.850	198.619	198.491	198.033	197.860	197.802	197.765	11
12	....	....	....	....	197.752A	197.831	198.607	198.500	198.032	197.857	197.782	197.765	12
13	....	....	....	....	197.747	197.807	198.593	198.483	198.032	197.868	197.782	197.767	13
14	....	....	....	....	197.748	198.000	198.585	198.481	198.028	197.827	197.783	197.769	14
15	....	....	....	....	197.748	198.188	198.576	198.502	198.032	197.848	197.784	197.769	15
16	....	....	....	....	197.748	198.256	198.571	198.258	198.032	197.856	197.788	197.768	16
17	....	....	....	....	197.737	198.343	198.564	198.248	198.026	197.850	197.782	197.771	17
18	....	....	....	....	197.738	198.412	198.548	198.241	198.015	197.835	197.783	197.776	18
19	....	....	....	....	197.741	198.462	198.538	198.225	197.988	197.823	197.784	197.777	19
20	....	....	....	....	197.740	198.517	198.526	198.212	197.978	197.805	197.784	197.777	20
21	....	....	....	....	197.739	198.569	198.521	198.203	197.982	197.804	197.788	197.778	21
22	....	....	....	....	197.738	198.583	198.507	198.184	197.952	197.816	197.788	197.778	22
23	....	....	....	....	197.741	198.615	198.496	198.174	197.960	197.821	197.788	197.777	23
24	....	....	....	....	197.741	198.634	198.486	198.165	197.952	197.788	197.781	197.808	24
25	....	....	....	....	197.740	198.642	198.473	198.157	197.952	197.788	197.773	197.811	25
26	....	....	....	....	197.785	198.658	198.468	198.145	197.946	197.773	197.771	197.805	26
27	....	197.752A	....	....	197.785	198.669	198.458	198.134	197.951	197.787	197.771	197.803	27
28	....	....	....	....	197.788	198.678	198.442	198.128	197.898	197.789	197.770	197.803	28
29	....		....	....	197.784	198.690	198.432	198.118	197.873	197.800	197.785	197.805	29
30	....		....	....	197.778	198.697	198.431	198.138	197.901	197.807	197.780	197.808	30
31	....		....		197.780		198.423	198.139		197.804		197.812	31
MEAN	....	....	....	....	197.761	198.211	198.584	198.282	198.009	197.836	197.790	197.778	MEAN
MAX	....	....	....	....	197.785	198.697	198.691	198.619	198.112	197.901	197.813	197.812	MAX
MIN	....	....	....	....	197.737	197.769	198.423	198.118	197.873	197.755	197.780	197.767	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MAXIMUM DAILY, 198.697 ON JUN 30

MAXIMUM INSTANTANEOUS,
198.699 AT 18:00 CST ON JUN 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 41 50 N
LONG 98 18 20 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NAME	STATION NO	PAGE
YUKON TERRITORY		
BISHOP LAKE NEAR WHITEHORSE	09AA005	1
BISHOP RIVER BELOW BISHOP LAKE	09AA010	1
BISHOP RIVER NEAR WHITEHORSE	09AA001	2
BLESH RIVER ABOVE BATES RIVER	09AB001	2
BONNAKE RIVER BELOW CARIBOU CREEK	10MB002	3
BEAVER RIVER BELOW WHITEFISH RIVER	10MB001	3
BENNETT LAKE AT CARCROSS	09AA004	4
BIG CREEK NEAR THE MOUTH	09AH003	4
BIG SALMON RIVER NEAR CARMACKS	09AE001	5
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	5
BRABANT RIVER AT HAINES JUNCTION	09AA003	6
BROWN RIVER BELOW KLUANE RIVER	09EA003	6
BURE RIVER NEAR THE MOUTH	09EA004	7
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB002	7
FIFTH RIVER NEAR THE MOUTH	10MB001	8
FORTYMILE RIVER NEAR THE MOUTH	09EE003	8
FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY	10AB003	9
FRANCES RIVER NEAR WATSON LAKE	10AB001	9
GILTANA CREEK NEAR THE MOUTH	09AA009	10
HESS RIVER ABOVE EMERALD CREEK	09BA001	10
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